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Injury Experience in Metallic Mineral Mining, 1983

U.S. Department of Labor
William E. Brock, Secretary

Mine Safety and Health Administration
David A. Zegeer, Assistant Secretary

Informational Report
IR 1171

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INJURY EXPERIENCE IN METALLIC MINERAL MINING, 1983

by

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ABSTRACT

This Mine Safety and Health Administration (MSHA) informational report reviews in detail the occupational injury and illness experience of metallic mineral mining in the United States for 1983. Data reported by operators of mining establishments concerning work injuries are summarized by work location, accident classification, part of body injured, nature of injury, occupation, and principal type of mineral. Related information on employment, worktime, and operating activity also is presented. Data reported by independent contractors performing certain work at mining locations are depicted separately in this report. For ease of comparison with other metal and nonmetallic mineral mining industries and with coal mining, summary reference tabulations are included at the end of both the operator and the contractor sections of this report.

INTRODUCTION

Data used in compiling this report were reported by operators of metallic mineral mines and preparation plants on a mandatory basis as required under the Federal Mine Safety and Health Act of 1977, Public Law 91-173 as amended by Law 95-164. Since January 1, 1978, operators of mines or preparation plants or both which are subject to the Act have been required under 30 CFR, Part 50, to submit reports of injuries, occupational illnesses, and related data.

Only data reported by the operators and contractors themselves are utilized in this report. No estimates are made of employment, employee-hours, or injuries for nonrespondent operations except as necessary to meet statistical processing requirements by providing minimum employment data for reported unmatched injury data.

Beginning with calendar year 1978, statistical measures for injury experience in mining were changed from the measures used from 1930 through 1977. The statistical measures for injury experience adopted by MSHA in 1978 compare closely with the measures used in the Office of Occupational Safety and Health Statistics, Bureau of Labor Statistics, U. S. Department of Labor. Therefore, beginning with 1978 data, the mining industry can be compared on a standard basis with other United States industries reporting under the Occupational Safety and Health Act of 1970.

Occurrences identified as occupational illnesses by mine operators were reported to MSHA and were processed in accordance with 30 CFR PART 50.20-6. The reported illnesses are summarized in seven categories for each work location, type of mineral, and State. Incidence rates and severity measures are not computed for occupational illnesses.

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Because of the modifications in reporting and processing procedures that became effective January 1, 1978, injury rates as currently computed are not precisely comparable to those of previous years, except for fatality rates in which the "incidence rate" (the term used after 1977) is one-fifth of the "frequency rate" (the term used prior to 1978) for otherwise similar groupings of fatal injuries and worktimes. Because of this disparity, MSHA annual publications concerning injuries, illnesses, and operating activity will not contain data for years prior to 1978.

SCOPE OF STATISTICS

The statistical data in this report cover the work experience of all personnel engaged in mine exploration, development, production, maintenance, repair, and construction work, including supervisory and technical personnel, working partners, and onsite officeworkers. The classification of industries is in close general agreement with the Standard Industrial Classification. 1/

It should be noted that amendments to legislation that funded MSHA and other government programs from December 16, 1981, through July 18, 1982, prohibited MSHA from administering or enforcing the Federal Mine Safety and Health Act of 1977 (Mine Act) or MSHA standards and regulations with respect to any person engaged in the surface mining or milling of stone, clay, feldspar, colloidal phosphate, or sand and gravel. They also provided that MSHA could not administer or enforce the Mine Act or MSHA standards and regulations on any State or political subdivision thereof. Further, MSHA could not administer or enforce the Mine Act or MSHA standards or regulations with respect to any independent construction contractor who was engaged by an operator for the construction, repair or alteration of structures, facilities, utilities or private ways or roads located on (or appurtenant to) the surface areas of any coal or other mine, and whose employees worked in a specifically demarcated area, separate from actual mining or extraction activities. No data on exempted activities are included for that period of time in Table 1 of this publication.

MSHA issued guidelines which additionally reduced the reporting requirements of independent contractors. Reporting of employment, hours worked, and injury/illness data by independent contractors is limited to the following types of work performed: mine development, including shaft and slope sinking; construction or reconstruction of mine facilities, including building or rebuilding preparation plants and mining equipment, and building additions to existing facilities; demolition of mine facilities; construction of dams; excavation or earthmoving activities involving mobile equipment; equipment installation, such as crushers and mills; equipment service or repair done underground or in the pit for a period exceeding five

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1/ Executive Office of the President, Office of Management and Budget. Standard Industrial Classification Manual. 1972 revision.

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consecutive days at a particular mine; material handling within mine property, including haulage of coal, ore, refuse, etc., unless for the sole purpose of direct removal from or delivery to mine property; drilling and blasting. Also, data collected for employment and hours worked in those activities reflect the contractor's total metallic/nonmetallic work locations and total coal work locations and not the individual mine sites. For more detailed information concerning these changes, see the guidelines accompanying MSHA Policy Memoranda Nos. 82-6A MM and 81-35A C.

DEFINITION OF TERMS

Occupational Injury.--An occupational injury is an injury to a mine worker which occurs at a mine and for which medical treatment is administered, or which results in death or loss of consciousness, restriction of work or motion, inability to perform all job duties on any day after an injury, lost workdays, temporary assignment to other duties, transfer to another job, or termination. The injury usually results from a recognizable single incident. For example, an explosion of a battery which splattered a worker with sulfuric acid would be a single incident and the worker would be considered to have suffered an injury. Another example would be an injury where a worker was overcome by hydrogen sulfide gas released from an exploding vessel.

Occupational illness.--An occupational illness is an illness or disease of a mine worker which may have resulted from work at a mine or for which an award of compensation is made. To be classified as an occupational illness, the disability must result from repeated exposure to the condition or substance which caused the disability. A classic illness example is a pneumoconiosis disability which may have been induced by repeated exposure to the causative dusty condition. Dermatitis resulting from repeated exposure to lime dust or other material in the work environment also should be reported as an illness. In cases where the time of onset of illness is in doubt, the day of diagnosis of illness will be considered as the first day of illness.

Number of Operations and Associated Work Locations.--Number of operations is the number of individual respondents with a unique Federal identification number that have reported worktime data. The count and kind of operation are based on the lowest numbered (primary) subunit on employment report Form 7000-2 (see figure 2, p. 10) that contains worktime data. An associated work location is a subunit reported with a primary subunit, e.g., an "office" is almost always an associated work location. Independent contractors working on mine property performing the types of work described under "Scope of Statistics" are assigned an identification number, report to MSHA, but are not included in the count of operations. Contractor data are depicted separately in this report.

Worktime.--Worktime includes the number of workers and the number of employee-hours worked. "Average number of workers" is a summary of the average number of persons working at individual establishments during calendar quarters of active operations. "Employee-hours" is a summary of employee-hours reported.

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Employment Size Group.--Reporting operations are classified into size groups according to the average number of workers in specified work locations.

Degree of Injury.--Degree of injury indicates the seriousness of injuries. FATAL injuries are those occurrences resulting in death, NFDL (NonFatal with Days Lost) injuries are nonfatal occurrences that result in days away from work, statutory days charged, or days of restricted work activity. NDL (No Days Lost) injuries are occurrences having no lost workdays; that is, nonfatal injury occurrences resulting only in temporary loss of consciousness or medical treatment other than first aid.

A permanent total disability is caused by any work injury or illness other than death that permanently and totally incapacitates a worker from following any gainful occupation, or that results in the loss, or the complete loss of use, of both or any combination of: hands, arms, legs, feet, or eyes.

A permanent partial disability is caused by any work injury or illness other than death or permanent total disability that results in the loss, or the complete loss of use, of any member or part of a member of the body, or any permanent impairment of functions of the body or part thereof, regardless of any preexisting disability of the injured member or impaired body function.

Incidence Rate.--Incidence rate is defined as the number of injuries per 200,000 employee-hours, rounded to two decimal places. The highest rate given is 99.99. If an incidence rate is greater than 99.99, then 99.99 is printed. If no data were reported, then a hyphen is printed. If a computation is less than 0.01 after rounding, then an asterisk inside parentheses (*) is printed. The following is the standard incidence rate formula:

$$IR = \frac{\text{number of injuries} \times 200{,}000}{\text{number of employee-hours}}$$

Lost Workdays (LWD).--Lost workdays consist of days away from work (DAW) and days of restricted work activity (DRA), or statutory days charged as prescribed from a table of standard charges (see p. 7), e.g., 6,000 days for a fatality or permanent total disability.

Severity Measure.--Severity measure is the number of lost workdays per 200,000 employee-hours, rounded to whole numbers. The highest rate given is 99,999. If the computed rate is greater than 99,999, then 99,999 is printed. If no data were reported, then a hyphen is printed. If the computation results in a zero after rounding, then an asterisk inside parentheses (*) is printed. The following is the standard severity measure formula:

$$SM = \frac{\text{number of lost workdays} \times 200{,}000}{\text{number of employee-hours}}$$

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Average Severity.--Average severity is the average number of lost workdays per injury and is computed only for injuries classified as FATAL or NFDL. Lost workdays are selected on the same basis as that for computing the severity measure. The following is the standard average severity formula:

$$AS = \frac{\text{number of lost workdays}}{\text{number of injuries contributing the lost workdays}}$$

Type of Mineral.--The type of mineral is determined from the Standard Industrial Classification (S.I.C.) code assigned to an operation based on information provided by the mine operator. Data for all work locations in the operation are credited to the assigned S.I.C.

Classification of Accident.--Accident classification identifies circumstances which contributed most directly to the resulting accident. The 21 classifications in the following list are designed to categorize all accidents, whether injury-producing or not.

Electrical.--Accidents in which the electric current is most directly responsible for the resulting accident.

Entrapment.--Accidents involving entrapment of persons.

Exploding Vessels Under Pressure.--Accidents involved with bursting of air hoses, air tanks, hydraulic lines, hydraulic hoses, stand pipes, etc., due to internal pressure.

Explosives and Breaking Agents.--Accidents involving the detonation of manufactured explosives; includes Airdox and Cardox.

Falling, Rolling, or Sliding Rock or Material of Any Kind.--Accidents caused directly by falling material other than material from the roof or face. Or, if material was set in motion by machinery, by haulage, by handtools, or while being handled or disturbed, etc., the force that set the material in motion determines the classification. For example, where a rock was pushed over a highwall by a bulldozer and the rock hit another rock which hit and injured a worker--the accident is classified as machinery. Machinery (a bulldozer) most directly caused the resulting accident.

Fall of Face, Rib, Pillar, Side, or Highwall (from in place).--Accidents in this classification include falls of material while barring down or placing props, also pressure bumps and bursts. Not included are accidents in which the motion of machinery or haulage equipment caused the fall either directly or by knocking out support.

Fall of Roof, Back, or Brow (from in place).--Underground only - Accidents which include falls while barring down or placing props, also pressure bumps and bursts. Not included are accidents in which the motion of machinery or haulage equipment caused the fall either directly or by knocking out support.

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Fire.--Accidents related to uncontrolled burning of material or mineral in the mine environment. Not included are fires initiated by electricity or by ignition or explosion of gas or dust.

Handling Material.--Accidents related to handling packaged or loose material while lifting, pulling, pushing, or shoveling.

Handtools.--Accidents related to nonpowered tools.

Nonpowered Haulage.--Accidents related to the motion of nonpowered haulage equipment. Included are accidents involving wheelbarrows, manually pushed mine cars, timber trucks, etc.

Powered Haulage.--Accidents related to the motion of powered haulage equipment. Included are accidents involving conveyors, front-end loaders, forklifts, shuttle cars, load-haul-dump units, locomotives, railroad cars, haulage trucks, pickups, automobiles, and personnel carriers.

Hoisting.--Accidents involving cages, skips, ore buckets, and elevators. The accident results from the action, motion, or failure of the hoisting equipment or mechanism. Included are equipment such as cranes and derricks only when used in shaft sinking; also suspended work platforms in shafts. Not included is equipment such as chain hoists, come-alongs, and winches.

Ignition or Explosion of Gas or Dust.--Accidents resulting as a consequence of the ignition or explosion of gas or dust.

Impoundment.--Accidents caused by an unstable condition or failure of an impoundment, refuse pile, or culm bank requiring emergency preventative action or evacuation of an area.

Inundation.--Accidents caused by inundation of a surface or underground mine by a liquid (or semi-solid) or a gas.

Machinery.--Accidents related to the motion of machinery. Included are all electric and air-powered tools and mining machinery such as drills, tuggers, winches, slushers, draglines, power shovels, loaders, and compressors.

Slip or Fall of Person (from an elevation or on the same level).--Accidents include slips or falls while getting on or off machinery and haulage equipment which is not moving, and slips or falls while servicing or repairing equipment or machinery.

Stepping or Kneeling on Object.--Accidents are classified in this category only where the object stepped or kneeled on contributed most directly to the accident.

Striking or Bumping.--This classification is restricted to those accidents in which an individual, while moving about, strikes or bumps an object but is not handling material, using handtools, or operating equipment.

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Other.--Accidents not elsewhere classified.

Abbreviations.--Space limitations in column headings and stub entries of standard-format tabulations require occasional adaptation of terminology. In this report PLNTS should be interpreted as "plants."

Statutory Days Charged.--Some injuries or illnesses are of such a degree of severity that a standard time charge of lost workdays has been adopted by MSHA as follows:

Disability	Lost Workdays Charged 2/
Death	6,000
Permanent total disability	6,000
Dismemberment or total loss of use	
Arm above elbow	4,500
Arm at or below elbow and above wrist	3,600
Hand at wrist	3,000
Leg above knee	4,500
Leg at or below knee and above ankle	3,000
Foot at ankle	2,400
Loss of sight:	
One eye (whether or not there is sight in the other eye)	1,800
Both eyes (in one accident)	6,000
Complete industrial loss of hearing:	
One ear (whether or not there is hearing in the other ear)	600
Both ears (in one accident)	3,000
Unrepaired hernia	50

2/ Not more than 6,000 lost workdays will be charged in a single accident that results in multiple injuries to a mine worker. (See definition of permanent total disability on page 4.)

TABLE REFERENCE GUIDE (OPERATOR DATA)

The following reference guide facilitates locating particular data elements contained in the annual statistical tables for operators. A comparable guide precedes the contractor section of this report. The number appearing in each cell indicates the table number in which that particular element may be found. All elements listed under the stub headings appear as vertical headings in the tables. Elements listed under column headings appear as horizontal headings. The only exception to this is table 1, in which the headings have been reversed.

To use this guide, read down or across the elements listed in both the stub and column headings to determine which combinations are of interest. For example, incidence rates by work location appear in seven different tables, numbers 2, 4, 6, 8, 10, 22, and 23. However, only one, table 10, provides a further division by nature of injury as well. The occupation of the injured is found in table 17 and, as seen in the column headings, provides the number of injuries, lost workdays, and average severity.

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REFERENCE GUIDE TO METALLIC STATISTICAL TABLES (OPERATOR DATA)

STUB HEADINGS / COLUMN HEADINGS	Number of injuries	Incidence rates	Severity measures	Lost workdays	Average severity	Average number of workers	Employee-hours worked	Number of operations	Associated work locations	Average hours per employee per year	Accident classification	Number of occupational illnesses	Coal production (short tons)
Prior year data with and without office 1/	1	1	1		1	1	1	1	1	1			
Work location	2	2	2			2	2	2	2				
	3			3	3								
	4	4	4			4	4	4	4				
	5			5	5								
	6	6	6			6	6	6	6				
	7			7	7								
	8	8	8										
	9			9	9								
	10	10	10										
	11			11	11								
	13										13		
				14							14		
	15										15		
				16							16		
	17			17	17								
	18			18	18								
												21	
	22	22				22	22						
	23	23				23	23						23
Employment size group	4	4	4			4	4	4	4				
	5			5	5								
Kind of mineral	6	6	6			6	6	6	6				
	7			7	7								
	15										15		
				16							16		
												21	
State	6	6	6			5	6	6	6				
	7			7	7								
	13										13		
				14							14		
												21	
Part of body injured	8	8	8										
	9			9	9								
	12			12	12								
	19			19	19								
Nature of injury	10	10	10										
	11			11	11								
	12			12	12								
	20			20	20								
Occupation at time of injury	17			17	17								
Accident classification	18			18	18								
	19			19	19								
	20			20	20								
Mineral industry	22	22				22	22						
Type of coal	23	23				23	23						23

1/ For table 1 only, the headings have been reversed to simplify this guide; that is, the data elements indicated in the column headings for this table actually appear as vertical headings.

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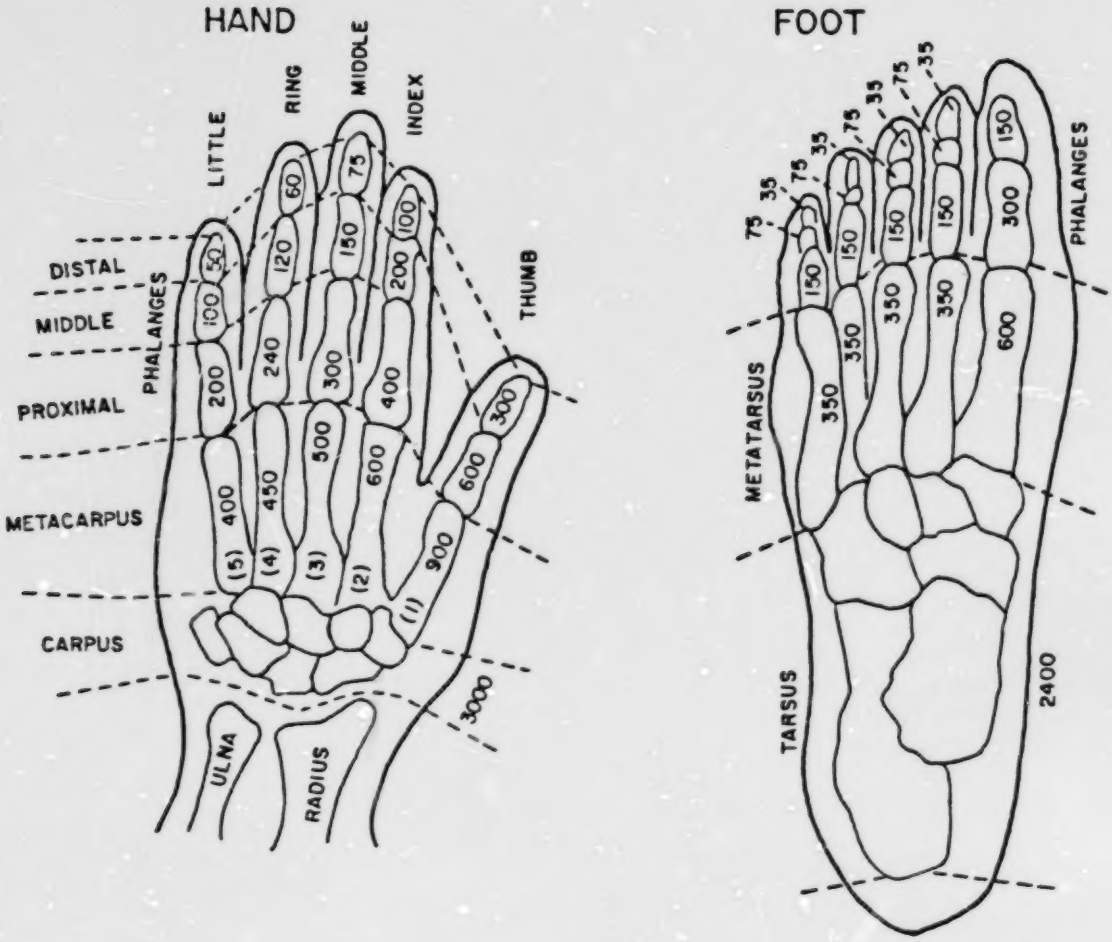

Note:

Numbers shown on diagrams are statutory charges of lost workdays for loss of all or part of bone.

Proportional charges may be computed based on medical determination of percentage loss of use.

FIGURE I. Scheduled charges in lost workdays for loss or loss of use involving hand or foot.

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Quarterly Mine Employment and Coal Production Report

U.S. Department of Labor
Mine Safety and Health Administration

Do Not Write In This Space

OMB No. 1219-0006 Approval Expires November 1985

This report is required by law (30 U.S.C. § 813; 30 C.F.R. Part 50). Failure to report can result in the institution of a civil action for relief under 30 U.S.C. § 818 respecting an operator of a coal or other mine, and assessment of a civil penalty against an operator of a coal or other mine under 30 U.S.C. § 820 (a). An individual who, being subject to the Federal Mine Safety and Health Act of 1977 (30 U.S.C. § 801 et seq.) knowingly makes a false statement in any report can be punished by a fine of not more than $10,000 or by imprisonment for not more than 5 years, or both, under 30 U.S.C. § 820 (f). Any individual who knowingly and willfully makes any false, fictitious, or fraudulent statements, conceals a material fact, or makes a false, fictitious, or fraudulent entry, with respect to any matter within the jurisdiction of any agency of the United States can be punished by a fine of not more than $10,000, or imprisoned for not more than 5 years, or both, under 18 U.S.C. § 1001.

1. Fill out this form as completely as possible and return the first sheet of this report to →
2. If it is necessary to make any address changes, indicate corrected information on this form.
3. When preaddressed, this form is only for the operation with I.D. number as shown; including contractor I.D. if appropriate. Do not use for any other operation.
4. SAND AND GRAVEL operators report employment data under code 03 or 06 as appropriate, except for data on office workers which should be reported under code 99.
5. All mine operators and independent contractors reporting as required by 30 CFR, Part 50, should show persons working and employee-hours worked, those producing coal show also production data.

MSHA, Health and Safety Analysis Center
P.O. Box 25367, Federal Center
Denver, Colorado 80225

DATE REPORT COMPLETED

MO DAY YR

FOR QUARTER

( )

MAIL BEFORE

▶ Check here if this report is being submitted by a contractor ☐

IF ANY INFORMATION BELOW IS INCORRECT PLEASE ENTER CORRECT INFORMATION HERE

COUNTY

OPERATION NAME

OPERATING COMPANY NAME AND ADDRESS

MSHA I.D. NO. CONTRACTOR I.D.

COUNTY

OPERATION NAME

OPERATING COMPANY NAME AND ADDRESS

1. Persons Working, Employee-Hours, and Coal Production

(1) Operation Sub Unit Code(s) previously reported:		Code	(2) Average number of persons working during quarter	(3) Total employee-hours worked during the quarter	(4) Production of clean coal during quarter, (short tons)
Underground Mine	Underground	01			
	Surface Shops, Yards, Etc.	02			
Surface Mine (including shops and yards)	Strip, Open Pit, or Quarry	03			
	Auger (Coal Mine Only)	04			
	Culm Bank or Refuse Pile (coal mine only)	05			
	Dredge	06			
	Other (Metal/Non-metal Surface Mining)	12			
	Independent Shops or Yards	17			
Mill Operations, Preparation Plant, or Breaker (include associated shops and yards)		30			
Office (professional and clerical workers at the mine or plant)		99			

2. Other Reportable Data

How many MSHA reportable injuries or illnesses did you have this quarter?

Person to be contacted regarding this report — Name — Title — Phone (Incl. Area Code)

FIGURE 2. Quarterly mine employment and coal production report form.

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Mine Accident, Injury and Illness Report

U. S. Department of Labor
Mine Safety and Health Administration

Form Approved. OMB No. 1219-0007. Expires September 1985

● Section A – Identification Data

MSHA ID Number | Contractor ID | Report Category ☐ Metal/Nonmetal Mining ☐ Coal Mining | ☐ Check here if report pertains to contractor

Mine Name | Company Name

● Section B – Complete for Each Reportable Accident Immediately Reported to MSHA

1. Accident Code (circle applicable code – see instructions) 01 – Death 02 – Serious Injury 03 – Entrapment
04 – Inundation 05 – Gas or Dust Ignition 06 – Mine Fire 07 – Explosives 08 – Roof Fall
09 – Outburst 10 – Impounding Dam 11 – Hoisting 12 – Offsite Injury

2. Name of Investigator | 3. Date Investigation Started (Month, Day, Year) | 4. Steps Taken to Prevent Recurrence of Accident

● Section C – Complete for Each Reportable Accident, Injury or Illness

5. Circle the Codes Which Best Describe Where Accident/Injury/Illness Occurred (see instructions)
(a) Surface Location: 02 Surface at Underground Mine 30 Mill, Preparation Plant, etc. 03 Strip/Open Pit Mine 04 Surface Auger Operation 05 Culm Bank/Refuse Pile 06 Dredge Mining 12 Other Surface Mining 17 Independent Shops (with own MSHA ID) 99 Office Facilities
(b) Underground Location: 01 Vertical Shaft 02 Slope/Inclined Shaft 03 Face 04 Intersection 05 Underground Shop/Office 06 Other
(c) Underground Mining Method: 01 Longwall 02 Shortwall 03 Conventional Stoping 05 Continuous Miner 06 Hand 07 Caving 08 Other

6. Date of Accident (Month, Day, Year) | 7. Time of Accident ☐ am ☐ pm | 8. Time Shift Started ☐ am ☐ pm

9. Describe Fully the Conditions Contributing to the Accident/Injury/Illness, and Quantify the Damage or Impairment

10. Equipment Involved | Type | Manufacturer | Model Number

11. Name of Witness to Accident/Injury/Illness | 12. Number of Reportable Injuries or Illnesses Resulting from This Occurrence

13. Name of Injured/Ill Employee | 14. Sex ☐ Male ☐ Female | 15. Date of Birth (Month, Day, Year)

16. Last Four Digits of Social Security Number | 17. Regular Job Title | ☐ 18. Check if this Injury/Illness resulted in death. | ☐ 19. Check if Injury/Illness resulted in permanent disability (include amputation, loss of use, & permanent total disability)

20. What Directly Inflicted Injury or Illness? | 21. Nature of Injury or Illness

22. Part of Body Injured or Affected | 23. Occupational Illness (circle applicable code – see instructions) 21 Occupational Skin Diseases 22 Dust Diseases of the Lungs 23 Respiratory Conditions (toxic agents) 24 Poisoning (toxic materials) 25 Disorders (physical agents) 26 Disorders (repeated trauma) 29 Other

24. Employee's Work Activity When Injury or Illness Occurred

Experience	Years	Weeks
25. Experience in This Job Title		
26. Experience at This Mine		
27. Total Mining Experience		

● Section D – Return to Duty Information *Answer 30 & 31 when case is closed*

☐ 28. Permanently Transferred or Terminated (if checked complete items 29, 30 & 31)

29. Date Returned to Regular Job at Full Capacity (or item 28) (Month, Day, Year)

30. Number of Days Away from Work (if none, enter 0)

31. Number of Days Restricted Work Activity (if none, enter 0)

Person Completing Form (name) | Title

Date This Report Prepared (month, day, year) | Area Code and Phone Number

MSHA Form 7000-1 Feb. 80 (revised)

For Official Use Only
Degree
Accident Type
Accident Class
Scheduled Charge
Keyword

PAGE 1 **MAIL THIS PAGE TO THE HEALTH AND SAFETY ANALYSIS CENTER, MINE SAFETY AND HEALTH ADMINISTRATION, P. O. BOX 25367, DENVER, COLORADO 80225**

FIGURE 3. Mine accident, injury, and illness report form.

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TABLE 1. - GENERAL STATISTICS ON INJURY EXPERIENCE AND SEVERITY, AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983

	EXCLUDING OFFICEWORKERS					INCLUDING OFFICEWORKERS				
	1979	1980	1981	1982	1983	1979	1980	1981	1982	1983
NUMBER OF INJURIES:										
FATAL	30	29	42	21	14	30	29	42	21	14
NFDL	5,643	4,884	4,498	2,137	1,548	5,655	4,898	4,5[illegible]	2,146	1,560
TOTAL LWD INJURIES	5,673	4,913	4,540	2,158	1,562	5,685	4,927	4,5[illegible]	2,167	1,574
RDL	3,919	3,085	3,002	1,560	1,154	3,934	3,101	3,0[illegible]	1,571	1,162
TOTAL INJURIES	9,592	7,998	7,542	3,718	2,716	9,619	8,028	7,[illegible]70	3,738	2,736
INCIDENCE RATES:										
FATAL	.04	.04	.05	.04	.03	.03	.03	.04	.03	.03
NFDL	6.63	5.96	5.21	3.96	3.72	5.64	5.22	4.58	3.41	3.23
ALL LWD INJURIES	6.67	5.99	5.25	4.00	3.76	5.67	5.25	4.62	3.44	3.26
RDL	4.60	3.76	3.47	2.89	2.77	4.06	3.31	3.06	2.49	2.41
ALL INJURIES	11.27	9.76	8.73	6.90	6.53	9.93	8.56	7.68	5.94	5.67
SEVERITY MEASURES:										
FATAL	211	212	292	234	202	186	186	286	200	174
NFDL	214	219	173	148	133	193	191	152	127	116
ALL LWD INJURIES	426	431	464	381	335	379	376	407	327	290
AVERAGE SEVERITY:										
PERMANENT PARTIAL	583	434	293	298	239	625	430	293	294	239
TEMPORARY NFDL	20	24	24	28	27	20	24	24	28	27
ALL LWD INJURIES	64	72	88	95	89	65	72	88	95	89
AVERAGE NUMBER OF WORKERS	89,535	89,648	96,096	62,024	45,083	102,051	102,269	109,008	71,827	52,029
EMPLOYEE-HOURS WORKED	170,215,037	163,914,106	172,502,828	107,839,272	83,190,793	193,661,368	187,574,485	197,123,775	125,951,187	96 473,202
AVERAGE HOURS PER EMPLOYEE PER YEAR	1,901	1,828	1,798	1,739	1,845	1,898	1,834	1,808	1,754	1,854
OPERATIONS REPORTED:										
NUMBER OF OPERATIONS	877	1,304	1,730	1,346	907	890	1,319	1,755	1,394	940
ASSOCIATED WORK LOCATIONS	411	545	657	525	402	830	1,109	1,335	1,081	854

TABLE 2. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR WORK LOCATION AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983

WORK LOCATION	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL			TOTAL FATAL AND NFDL	MDL	TOTAL INJURIES		NFDL	ALL FATAL AND NFDL	MDL	ALL INJURIES		NFDL	ALL FATAL AND NFDL					
		PERMANENT		TEMPORARY	TOTAL NFDL															
		TOTAL	PARTIAL																	
UNDERGROUND MINES:																				
UNDERGROUND	6	1	14	616	631	637	447	1,084	.07	7.71	7.79	5.46	13.25	440	316	756	9,322	16,361,866	371	-
SURFACE AT UNDERGROUND	1	-	3	56	59	60	65	125	.04	2.24	2.27	2.46	4.74	227	126	354	3,348	5,277,736	40	257
TOTAL OR AVERAGE	7	1	17	672	690	697	512	1,209	.06	6.38	6.44	4.73	11.17	388	270	658	12,670	21,639,602	411	257
SURFACE MINES:																				
OPEN PIT	3	-	8	308	316	319	199	518	.03	2.67	2.70	1.68	4.38	152	82	235	12,396	23,640,652	289	-
DREDGE	-	-	-	16	16	16	6	22	-	4.69	4.69	1.76	6.45	-	70	70	341	682,118	9	-
OTHER SURFACE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	3	-	8	324	332	335	205	540	.02	2.73	2.75	1.69	4.44	148	82	230	12,737	24,322,770	298	-
TOTAL OR AVERAGE, MINING	10	1	25	996	1,022	1,032	717	1,749	.04	4.45	4.49	3.12	7.61	261	170	431	25,407	45,962,372	709	257
INDEPENDENT SHOPS	-	-	1	11	12	12	6	18	-	1.60	1.60	.80	2.40	-	25	25	760	1,497,871	8	-
PROCESSING PLANTS	4	-	10	504	514	518	431	949	.02	2.88	2.90	2.41	5.31	134	91	225	18,916	35,730,550	190	145
TOTAL OR AVERAGE, ALL MINES AND PLANTS	14	1	36	1,511	1,548	1,562	1,154	2,716	.03	3.72	3.76	2.77	6.53	202	133	335	45,083	83,190,793	907	402
OFFICE	-	-	-	12	12	12	8	20	-	.18	.18	.12	.30	-	7	7	6,946	13,282,409	33	452
GRAND TOTAL OR AVERAGE	14	1	36	1,523	1,560	1,574	1,162	2,736	.03	3.23	3.26	2.41	5.67	174	116	290	52,029	96,473,202	940	854

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TABLE 3. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983

WORK LOCATION	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
UNDERGROUND MINES:																	
UNDERGROUND	6	1	14	616	631	637	447	1,084	36,000	6,000	3,490	16,367	25,857	61,857	249	27	97
SURFACE AT UNDERGROUND	1	-	3	56	59	60	65	125	6,000	-	1,740	1,591	3,331	9,331	580	28	156
TOTAL OR AVERAGE	7	1	17	672	690	697	512	1,209	42,000	6,000	5,230	17,958	29,188	71,188	308	27	102
SURFACE MINES:																	
OPEN PIT	3	-	8	308	316	319	199	518	18,000	-	2,540	7,195	9,735	27,735	318	23	87
DREDGE	-	-	-	16	16	16	6	22	-	-	-	238	238	238	-	15	15
OTHER SURFACE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	3	-	8	324	332	335	205	540	18,000	-	2,540	7,433	9,973	27,973	318	23	84
TOTAL OR AVERAGE, MINING	10	1	25	996	1,022	1,032	717	1,749	60,000	6,000	7,770	25,391	39,161	99,161	311	25	96
INDEPENDENT SHOPS:																	
TOTAL OR AVERAGE	-	-	1	11	12	12	6	18	-	-	50	135	185	185	50	12	15
PROCESSING PLANTS:																	
TOTAL OR AVERAGE	4	-	10	504	514	518	431	949	24,000	-	775	15,398	16,173	40,173	78	31	78
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																	
TOTAL OR AVERAGE	14	1	36	1,511	1,548	1,562	1,154	2,716	84,000	6,000	8,595	40,924	55,519	139,519	239	27	89
OFFICE:																	
TOTAL OR AVERAGE	-	-	-	12	12	12	8	20	-	-	-	443	443	443	-	37	37
GRAND TOTAL OR AVERAGE:																	
TOTAL OR AVERAGE	14	1	36	1,523	1,560	1,574	1,162	2,736	84,000	6,000	8,595	41,367	55,962	139,962	239	27	89

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TABLE 4. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR WORK LOCATION AND EMPLOYMENT SIZE GROUP AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983

WORK LOCATION AND EMPLOYMENT SIZE GROUP	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES													
		PERMANENT		TEMPORARY	TOTAL NFDL				FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL				
		TOTAL	PARTIAL																	
UNDERGROUND MINES (INCLUDES SURFACE AT UNDERGROUND):																				
1 - 4	-	-	-	12	12	12	1	13	-	8.52	8.52	.71	9.23	-	536	536	473	281,762	182	66
5 - 9	-	-	-	19	19	19	13	32	-	6.02	6.02	4.12	10.14	-	108	108	647	631,050	101	78
10 - 19	1	-	-	22	22	23	17	40	.26	5.62	5.87	4.34	10.22	1,532	69	1,601	569	783,084	43	33
20 - 34	-	-	2	38	40	40	22	62	-	7.12	7.12	3.92	11.03	-	211	211	668	1,123,869	26	26
35 - 49	1	-	1	33	34	35	18	53	.22	7.38	7.60	3.91	11.51	1,303	158	1,460	474	921,249	11	9
50 - 99	-	-	3	79	82	82	60	142	-	6.36	6.36	4.65	11.01	-	182	182	1,504	2,579,481	20	18
100 - 149	1	-	3	102	105	106	67	173	.06	6.49	6.56	4.14	10.70	371	198	569	1,781	3,233,923	14	14
150 - 249	2	-	1	65	66	68	41	109	.14	4.69	4.84	2.92	7.75	854	116	970	1,448	2,811,568	7	6
250 OR MORE	2	1	7	302	310	312	273	585	.04	6.69	6.73	5.89	12.62	259	404	663	5,106	9,273,616	7	7
TOTAL OR AVERAGE	7	1	17	672	690	697	512	1,209	.06	6.38	6.44	4.73	11.17	388	270	658	12,670	21,639,602	411	257
SURFACE MINES:																				
OPEN PIT:																				
1 - 4	-	-	-	8	8	8	1	9	-	5.68	5.68	.71	6.39	-	150	150	357	281,898	145	-
5 - 9	-	-	-	5	5	5	-	5	-	3.84	3.84	-	3.84	-	49	49	235	260,289	39	-
10 - 19	-	-	-	15	15	15	5	20	-	4.70	4.70	1.57	6.27	-	68	68	462	637,723	35	-
20 - 34	-	-	2	16	18	18	10	28	-	5.88	5.88	3.26	9.14	-	99	99	331	612,690	13	-
35 - 49	1	-	2	11	13	14	2	16	.28	3.61	3.89	.56	4.45	1,668	66	1,734	395	719,510	9	-
50 - 99	-	-	-	37	37	37	22	59	-	3.02	3.02	1.80	4.82	-	57	57	1,176	2,450,408	16	-
100 - 149	-	-	-	20	20	20	6	26	-	2.58	2.58	.78	3.36	-	63	63	762	1,548,214	6	-
150 - 249	-	-	-	51	51	51	32	83	-	2.29	2.29	1.44	3.73	-	95	95	2,295	4,456,119	12	-
250 OR MORE	2	-	4	145	149	151	121	272	.03	2.35	2.38	1.91	4.29	189	85	275	6,383	12,673,801	14	-
TOTAL OR AVERAGE	3	-	8	308	316	319	199	518	.03	2.67	2.70	1.68	4.38	152	82	235	12,396	23,640,652	289	-
DREDGE:																				
1 - 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	755	2	-
10 - 19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	39,404	2	-
20 - 34	-	-	-	7	7	7	-	7	-	20.67	20.67	-	20.67	-	351	351	34	67,735	1	-
35 - 49	-	-	-	1	1	1	-	1	-	1.24	1.24	-	1.24	-	40	40	73	161,119	2	-
50 - 99	-	-	-	8	8	8	2	10	-	11.42	11.42	2.86	14.28	-	124	124	63	140,098	1	-
100 - 149	-	-	-	-	-	-	4	4	-	-	-	2.93	2.93	-	-	-	142	273,007	1	-
TOTAL OR AVERAGE	-	-	-	16	16	16	6	22	-	4.69	4.69	1.76	6.45	-	70	70	341	682,118	9	-
TOTAL OR AVERAGE, SURFACE:																				
1 - 4	-	-	-	8	8	8	1	9	-	5.66	5.66	.71	6.37	-	149	149	359	282,653	147	-
5 - 9	-	-	-	5	5	5	-	5	-	3.84	3.84	-	3.84	-	49	49	235	260,289	39	-
10 - 19	-	-	-	15	15	15	5	20	-	4.43	4.43	1.48	5.91	-	64	64	489	677,127	37	-
20 - 34	-	-	2	23	25	25	10	35	-	7.35	7.35	2.94	10.29	-	124	124	365	680,425	14	-
35 - 49	1	-	2	12	14	15	2	17	.23	3.18	3.41	.45	3.86	1,363	61	1,424	468	880,629	11	-
50 - 99	-	-	-	45	45	45	24	69	-	3.47	3.47	1.85	5.33	-	60	60	1,239	2,590,506	17	-
100 - 149	-	-	-	20	20	20	10	30	-	2.20	2.20	1.10	3.29	-	54	54	904	1,821,221	7	-
150 - 249	-	-	-	51	51	51	32	83	-	2.29	2.29	1.44	3.73	-	95	95	2,295	4,456,119	12	-
250 OR MORE	2	-	4	145	149	151	121	272	.03	2.35	2.38	1.91	4.29	189	85	275	6,383	12,673,801	14	-
TOTAL OR AVERAGE	3	-	8	324	332	335	205	540	.02	2.73	2.75	1.69	4.44	148	82	230	12,737	24,322,770	298	-

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TABLE 4. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR WORK LOCATION AND EMPLOYMENT SIZE GROUP AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND EMPLOYMENT SIZE GROUP	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL			TOTAL FATAL AND NFDL	MDL	TOTAL INJURIES													
		PERMANENT		TEMPORARY	TOTAL NFDL				FATAL	NFDL	ALL FATAL AND NFDL	MDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL				
		TOTAL	PARTIAL																	
TOTAL OR AVERAGE, MINING:																				
1 - 4	-	-	-	20	20	20	2	22	-	7.09	7.09	.71	7.80	-	342	342	832	564,415	329	66
5 - 9	-	-	-	24	24	24	13	37	-	5.39	5.39	2.92	8.30	-	91	91	882	891,339	140	78
10 - 19	1	-	-	37	37	38	22	60	.14	5.07	5.20	3.01	8.22	322	67	888	1,058	1,460,211	80	33
20 - 34	-	-	4	61	65	65	32	97	-	7.21	7.21	3.55	10.75	-	178	178	1,033	1,804,294	40	26
35 - 49	2	-	3	45	48	50	20	70	.22	5.33	5.55	2.22	7.77	1,332	111	1,442	942	1,801,878	22	9
50 - 99	-	-	3	124	127	127	84	211	-	4.91	4.91	3.25	8.16	-	121	121	2,743	5,169,987	37	18
100 - 149	1	-	3	122	125	126	77	203	.04	4.95	4.99	3.05	8.03	237	146	383	2,685	5,055,144	21	14
150 - 249	2	-	1	116	117	119	73	192	.06	3.22	3.27	2.01	5.28	330	103	433	3,743	7,267,687	19	6
250 OR MORE	4	1	11	447	459	463	394	857	.04	4.18	4.22	3.59	7.81	219	220	439	11,489	21,947,417	21	7
TOTAL OR AVERAGE	10	1	25	996	1,022	1,032	717	1,749	.04	4.45	4.49	3.12	7.61	261	170	431	25,407	45,962,372	709	257
INDEPENDENT SHOPS:																				
1 - 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1,008	1	-
20 - 34	-	-	-	1	1	1	-	1	-	9.37	9.37	-	9.37	-	178	178	29	21,352	1	-
50 - 99	-	-	-	3	3	3	4	7	-	.98	.98	1.30	2.28	-	5	5	299	613,652	4	-
150 - 249	-	-	1	7	8	8	2	10	-	1.86	1.86	.46	2.32	-	35	35	429	861,859	2	-
TOTAL OR AVERAGE	-	-	1	11	12	12	6	18	-	1.60	1.60	.80	2.40	-	25	25	760	1,497,871	8	-
PROCESSING PLANTS:																				
1 - 4	-	-	1	5	6	6	6	12	-	4.66	4.66	4.66	9.31	-	70	70	245	257,726	50	49
5 - 9	-	-	-	7	7	7	4	11	-	3.42	3.42	1.95	5.37	-	62	62	281	409,893	30	14
10 - 19	-	-	-	29	29	29	22	51	-	4.14	4.14	3.14	7.29	-	82	82	785	1,399,864	32	25
20 - 34	-	-	-	43	43	43	12	55	-	5.01	5.01	1.40	6.41	-	104	104	956	1,716,517	22	15
35 - 49	-	-	-	16	16	16	14	30	-	2.11	2.11	1.85	3.96	-	85	85	828	1,513,681	8	12
50 - 99	-	-	2	92	94	94	67	161	-	3.85	3.85	2.74	6.59	-	95	95	2,344	4,889,070	17	15
100 - 149	-	-	1	49	50	50	36	86	-	2.66	2.66	1.91	4.57	-	77	77	1,956	3,760,209	9	7
150 - 249	-	-	1	55	56	56	65	121	-	3.33	3.33	3.86	7.18	-	96	96	1,723	3,368,349	6	3
250 OR MORE	4	-	5	208	213	217	205	422	.04	2.31	2.36	2.23	4.58	261	92	352	9,798	18,415,241	16	5
TOTAL OR AVERAGE	4	-	10	504	514	518	431	949	.02	2.88	2.90	2.41	5.31	134	91	225	18,916	35,730,550	190	145

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TABLE 4. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR WORK LOCATION AND EMPLOYMENT SIZE GROUP AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND EMPLOYMENT SIZE GROUP	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES													
		PERMANENT		TEMPORARY	TOTAL NFDL															
		TOTAL	PARTIAL																	
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																				
1 - 4	-	-	1	25	26	26	8	34	-	6.32	6.32	1.94	8.26	-	257	257	1,080	823,149	380	115
5 - 9	-	-	-	31	31	31	17	48	-	4.76	4.76	2.61	7.38	-	82	82	1,163	1,301,232	170	92
10 - 19	1	-	-	66	66	67	44	111	.07	4.62	4.69	3.08	7.76	420	74	494	1,843	2,860,075	112	58
20 - 34	-	-	4	105	109	109	44	153	-	6.15	6.15	2.48	8.64	-	143	143	2,018	3,542,163	63	41
35 - 49	2	-	3	61	64	66	34	100	.12	3.86	3.98	2.05	6.03	724	99	823	1,770	3,315,559	30	21
50 - 99	-	-	5	219	224	224	155	379	-	4.20	4.20	2.90	7.10	-	102	102	5,386	10,672,709	58	33
100 - 149	1	-	4	171	175	176	113	289	.02	3.97	3.99	2.56	6.56	136	117	253	4,641	8,815,353	30	21
150 - 249	2	-	3	178	181	183	140	323	.03	3.15	3.18	2.44	5.62	209	96	305	5,895	11,497,895	27	9
250 OR MORE	8	1	16	655	672	680	599	1,279	.04	3.33	3.37	2.97	6.34	238	161	399	21,287	40,362,658	37	12
TOTAL OR AVERAGE	14	1	36	1,511	1,548	1,562	1,154	2,716	.03	3.72	3.76	2.77	6.53	202	133	335	45,083	83,190,793	907	402
OFFICE:																				
1 - 4	-	-	-	-	-	-	1	1	-	-	-	.34	.34	-	-	-	496	588,560	21	241
5 - 9	-	-	-	3	3	3	-	3	-	.72	.72	-	.72	-	14	14	517	831,055	5	75
10 - 19	-	-	-	4	4	4	3	7	-	.54	.54	.40	.94	-	33	33	789	1,486,669	1	56
20 - 34	-	-	-	1	1	1	-	1	-	.11	.11	-	.11	-	(*)	(*)	956	1,795,298	3	33
35 - 49	-	-	-	1	1	1	-	1	-	.16	.16	-	.16	-	20	20	644	1,288,999	-	15
50 - 99	-	-	-	3	3	3	3	6	-	.18	.18	.18	.36	-	1	1	1,566	3,303,477	2	20
100 - 149	-	-	-	-	-	-	1	1	-	-	-	.08	.08	-	-	-	1,194	2,398,522	1	9
150 - 249	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	216	448,366	-	1
250 OR MORE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	568	1,141,463	-	2
TOTAL OR AVERAGE	-	-	-	12	12	12	8	20	-	.18	.18	.12	.30	-	7	7	6,946	13,282,409	33	452
GRAND TOTAL OR AVERAGE:																				
1 - 4	-	-	1	25	26	26	9	35	-	3.68	3.68	1.28	4.96	-	150	150	1,576	1,411,709	401	356
5 - 9	-	-	-	34	34	34	17	51	-	3.19	3.19	1.59	4.78	-	55	55	1,680	2,132,287	175	167
10 - 19	1	-	-	70	70	71	47	118	.05	3.22	3.27	2.16	5.43	276	60	336	2,632	4,346,744	113	114
20 - 34	-	-	4	106	110	110	44	154	-	4.12	4.12	1.65	5.77	-	95	95	2,974	5,337,461	66	74
35 - 49	2	-	3	62	65	67	34	101	.09	2.82	2.91	1.48	4.39	521	77	598	2,414	4,604,558	30	36
50 - 99	-	-	5	222	227	227	158	385	-	3.25	3.25	2.26	5.51	-	78	78	6,952	13,976,186	60	53
100 - 149	1	-	4	171	175	176	114	290	.02	3.12	3.14	2.03	5.17	107	92	199	5,835	11,213,875	31	30
150 - 249	2	-	3	178	181	183	140	323	.03	3.03	3.06	2.34	5.41	201	92	293	6,111	11,946,261	27	10
250 OR MORE	8	1	16	655	672	680	599	1,279	.04	3.24	3.28	2.89	6.16	231	157	388	21,855	41,504,121	37	14
TOTAL OR AVERAGE	14	1	36	1,523	1,560	1,574	1,162	2,736	.03	3.23	3.26	2.41	5.67	174	116	290	52,029	96,473,202	940	854

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TABLE 5 - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND EMPLOYMENT SIZE GROUP AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983

WORK LOCATION AND EMPLOYMENT SIZE GROUP	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NDL				TOTAL FATAL AND NDL	NDL	TOTAL INJURIES	FATAL	NDL				TOTAL FATAL AND NDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NDL
		PERMANENT		TEMPORARY	TOTAL NDL					PERMANENT		TEMPORARY	TOTAL NDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
UNDERGROUND MINES (INCLUDES SURFACE AT UNDERGROUND):																	
1 - 4	-	-	-	12	12	12	1	13	-	-	-	755	755	755	-	63	63
5 - 9	-	-	-	19	19	19	13	32	-	-	-	342	342	342	-	18	18
10 - 19	1	-	-	22	22	23	17	40	6,000	-	-	269	269	6,269	-	12	273
20 - 34	-	-	2	38	40	40	22	62	-	-	650	537	1,187	1,187	325	14	30
35 - 49	1	-	1	33	34	35	18	53	6,000	-	50	676	726	6,726	50	20	192
50 - 99	-	-	3	79	82	82	60	142	-	-	400	1,944	2,344	2,344	133	25	29
100 - 149	1	-	3	102	105	106	67	173	6,000	-	650	2,554	3,204	9,204	217	25	67
150 - 249	2	-	1	65	66	68	41	109	12,000	-	50	1,581	1,631	13,631	50	24	200
250 OR MORE	2	1	7	302	310	312	273	585	12,000	6,000	3,430	9,300	18,730	30,730	490	31	98
TOTAL OR AVERAGE	7	1	17	672	690	697	512	1,209	42,000	6,000	5,230	17,958	29,188	71,188	308	27	102
SURFACE MINES:																	
OPEN PIT:																	
1 - 4	-	-	-	8	8	8	1	9	-	-	-	211	211	211	-	26	26
5 - 9	-	-	-	5	5	5	-	5	-	-	-	64	64	64	-	13	13
10 - 19	-	-	-	15	15	15	5	20	-	-	-	217	217	217	-	14	14
20 - 34	-	-	2	16	18	18	10	28	-	-	100	203	303	303	50	13	17
35 - 49	1	-	2	11	13	14	2	16	6,000	-	100	138	238	6,238	50	13	446
50 - 99	-	-	-	37	37	37	22	59	-	-	-	696	696	696	-	19	19
100 - 149	-	-	-	20	20	20	6	26	-	-	-	489	489	489	-	24	24
150 - 249	-	-	-	51	51	51	32	83	-	-	-	2,117	2,117	2,117	-	42	42
250 OR MORE	2	-	4	145	149	151	121	272	12,000	-	2,340	3,060	5,400	17,400	585	21	115
TOTAL OR AVERAGE	3	-	8	308	316	319	199	518	18,000	-	2,540	7,195	9,735	27,735	318	23	87
DREDGE:																	
1 - 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 - 19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20 - 34	-	-	-	7	7	7	-	7	-	-	-	119	119	119	-	17	17
35 - 49	-	-	-	1	1	1	-	1	-	-	-	32	32	32	-	32	32
50 - 99	-	-	-	8	8	8	2	10	-	-	-	87	87	87	-	11	11
100 - 149	-	-	-	-	-	-	4	4	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	16	16	16	6	22	-	-	-	238	238	238	-	15	15
TOTAL OR AVERAGE, SURFACE:																	
1 - 4	-	-	-	8	8	8	1	9	-	-	-	211	211	211	-	26	26
5 - 9	-	-	-	5	5	5	-	5	-	-	-	64	64	64	-	13	13
10 - 19	-	-	-	15	15	15	5	20	-	-	-	217	217	217	-	14	14
20 - 34	-	-	2	23	25	25	10	35	-	-	100	322	422	422	50	14	17
35 - 49	1	-	2	12	14	15	2	17	6,000	-	100	170	270	6,270	50	14	418
50 - 99	-	-	-	45	45	45	24	69	-	-	-	783	783	783	-	17	17
100 - 149	-	-	-	20	20	20	10	30	-	-	-	489	489	489	-	24	24
150 - 249	-	-	-	51	51	51	32	83	-	-	-	2,117	2,117	2,117	-	42	42
250 OR MORE	2	-	4	145	149	151	121	272	12,000	-	2,340	3,060	5,400	17,400	585	21	115
TOTAL OR AVERAGE	3	-	8	324	332	335	205	540	18,000	-	2,540	7,433	9,973	27,973	318	23	84

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TABLE 5. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND EMPLOYMENT SIZE GROUP AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND EMPLOYMENT SIZE GROUP	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
TOTAL OR AVERAGE, MINING:																	
1 - 4	-	-	-	20	20	20	2	22	-	-	-	966	966	966	-	48	48
5 - 9	-	-	-	24	24	24	13	37	-	-	-	406	406	406	-	17	17
10 - 19	1	-	-	37	37	38	22	60	6,000	-	-	486	486	6,486	-	13	171
20 - 34	-	-	4	61	65	65	32	97	-	-	750	859	1,609	1,609	188	14	25
35 - 49	2	-	3	45	48	50	20	70	12,000	-	150	846	996	12,996	50	19	260
50 - 99	-	-	3	124	127	127	84	211	-	-	400	2,727	3,127	3,127	133	22	25
100 - 149	1	-	3	122	125	126	77	203	6,000	-	650	3,043	3,693	9,693	217	25	77
150 - 249	2	-	1	116	117	119	73	192	12,000	-	50	3,698	3,748	15,748	50	32	132
250 OR MORE	4	1	11	447	459	463	394	857	24,000	6,000	5,770	12,360	24,130	48,130	525	28	104
TOTAL OR AVERAGE	10	1	25	996	1,022	1,032	717	1,749	60,000	6,000	7,770	25,391	39,161	99,161	311	25	96
INDEPENDENT SHOPS:																	
1 - 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20 - 34	-	-	-	1	1	1	-	1	-	-	-	19	19	19	-	19	19
50 - 99	-	-	-	3	3	3	4	7	-	-	-	15	15	15	-	5	5
150 - 249	-	-	1	7	8	8	2	10	-	-	50	101	151	151	50	14	19
TOTAL OR AVERAGE	-	-	1	11	12	12	6	18	-	-	50	135	185	185	50	12	15
PROCESSING PLANTS:																	
1 - 4	-	-	1	5	6	6	6	12	-	-	50	40	90	90	50	8	15
5 - 9	-	-	-	7	7	7	4	11	-	-	-	128	128	128	-	18	18
10 - 19	-	-	-	29	29	29	22	51	-	-	-	576	576	576	-	20	20
20 - 34	-	-	-	43	43	43	12	55	-	-	-	896	896	896	-	21	21
35 - 49	-	-	-	16	16	16	14	30	-	-	-	644	644	644	-	40	40
50 - 99	-	-	2	92	94	94	67	161	-	-	100	2,214	2,314	2,314	50	24	25
100 - 149	-	-	1	49	50	50	36	86	-	-	75	1,380	1,455	1,455	75	28	29
150 - 249	-	-	1	55	56	56	65	121	-	-	50	1,566	1,616	1,616	50	28	29
250 OR MORE	4	-	5	208	213	217	205	422	24,000	-	500	7,954	8,454	32,454	100	38	150
TOTAL OR AVERAGE	4	-	10	504	514	518	431	949	24,000	-	775	15,358	16,173	40,173	78	31	78

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TABLE 5. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND EMPLOYMENT SIZE GROUP AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND EMPLOYMENT SIZE GROUP	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																	
1 - 4	-	-	1	25	26	26	8	34	-	-	50	1,006	1,056	1,056	50	40	41
5 - 9	-	-	-	31	31	31	17	48	-	-	-	534	534	534	-	17	17
10 - 19	1	-	-	66	66	67	44	111	6,000	-	-	1,062	1,062	7,062	-	16	105
20 - 34	-	-	4	105	109	109	44	153	-	-	750	1,774	2,524	2,524	188	17	23
35 - 49	2	-	3	61	64	66	34	100	12,000	-	150	1,490	1,640	13,640	50	24	207
50 - 99	-	-	5	219	224	224	155	379	-	-	500	4,956	5,456	5,456	100	23	24
100 - 149	1	-	4	171	175	176	113	289	6,000	-	725	4,423	5,148	11,148	181	26	63
150 - 249	2	-	3	178	181	183	140	323	12,000	-	150	5,365	5,515	17,515	50	30	96
250 OR MORE	8	1	16	655	672	680	599	1,279	48,000	6,000	6,270	20,314	32,584	80,584	392	31	119
TOTAL OR AVERAGE	14	1	36	1,511	1,548	1,562	1,154	2,716	84,000	6,000	8,595	40,924	55,519	139,519	239	27	89
OFFICE:																	
1 - 4	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
5 - 9	-	-	-	3	3	3	-	3	-	-	-	57	57	57	-	19	19
10 - 19	-	-	-	4	4	4	3	7	-	-	-	243	243	243	-	61	61
20 - 34	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
35 - 49	-	-	-	1	1	1	-	1	-	-	-	127	127	127	-	127	127
50 - 99	-	-	-	3	3	3	3	6	-	-	-	13	13	13	-	4	4
100 - 149	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
150 - 249	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
250 OR MORE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	12	12	12	8	20	-	-	-	443	443	443	-	37	37
GRAND TOTAL OR AVERAGE:																	
1 - 4	-	-	1	25	26	26	9	35	-	-	50	1,006	1,056	1,056	50	40	41
5 - 9	-	-	-	34	34	34	17	51	-	-	-	591	591	591	-	17	17
10 - 19	1	-	-	70	70	71	47	118	6,000	-	-	1,305	1,305	7,305	-	19	103
20 - 34	-	-	4	106	110	110	44	154	-	-	750	1,777	2,527	2,527	188	17	23
35 - 49	2	-	3	62	65	67	34	101	12,000	-	150	1,617	1,767	13,767	50	26	205
50 - 99	-	-	5	222	227	227	158	385	-	-	500	4,969	5,469	5,469	100	22	24
100 - 149	1	-	4	171	175	176	114	290	6,000	-	725	4,423	5,148	11,148	181	26	63
150 - 249	2	-	3	178	181	183	140	323	12,000	-	150	5,365	5,515	17,515	50	30	96
250 OR MORE	8	1	16	655	672	680	599	1,279	48,000	6,000	6,270	20,314	32,584	80,584	392	31	119
TOTAL OR AVERAGE	14	1	36	1,523	1,560	1,574	1,162	2,736	84,000	6,000	8,595	41,367	55,962	139,962	239	27	89

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL			TOTAL FATAL AND NFDL	MDL	TOTAL INJURIES		FATAL	NFDL	ALL FATAL AND NFDL	MDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL				
		PERMANENT		TEMPORARY	TOTAL NFDL															
		TOTAL	PARTIAL																	
ALUMINUM ORE:																				
SURFACE MINES:																				
OPEN PIT:																				
ARKANSAS	-	-	-	-	-	-	1	1	-	-	-	1.18	1.18	-	-	-	87	169,473	5	-
GEORGIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	12,534	1	-
TOTAL OR AVERAGE	-	-	-	-	-	-	1	1	-	-	-	1.10	1.10	-	-	-	97	182,007	6	-
TOTAL OR AVERAGE, SURFACE:																				
ARKANSAS	-	-	-	-	-	-	1	1	-	-	-	1.18	1.18	-	-	-	87	169,473	5	-
GEORGIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	12,534	1	-
TOTAL OR AVERAGE	-	-	-	-	-	-	1	1	-	-	-	1.10	1.10	-	-	-	97	182,007	6	-
TOTAL OR AVERAGE, MINING:																				
ARKANSAS	-	-	-	-	-	-	1	1	-	-	-	1.18	1.18	-	-	-	87	169,473	5	-
GEORGIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	12,534	1	-
TOTAL OR AVERAGE	-	-	-	-	-	-	1	1	-	-	-	1.10	1.10	-	-	-	97	182,007	6	-
PROCESSING PLANTS:																				
ALABAMA	-	-	-	2	2	2	2	4	-	7.74	7.74	7.74	15.48	-	23	23	27	51,666	1	-
ARKANSAS	-	-	-	26	26	26	37	63	-	2.32	2.32	3.30	5.62	-	182	182	1,337	2,241,633	5	1
GEORGIA	-	-	-	-	-	-	1	1	-	-	-	3.43	3.43	-	-	-	30	58,291	3	-
LOUISIANA	-	-	1	26	27	27	22	49	-	2.61	2.61	2.13	4.74	-	153	153	998	2,067,475	4	-
TEXAS	1	-	-	9	9	10	17	27	.08	.73	.81	1.38	2.19	486	12	498	1,238	2,469,075	3	-
VIRGIN ISLANDS	-	-	-	12	12	12	8	20	-	2.37	2.37	1.58	3.94	-	92	92	475	1,014,647	1	-
TOTAL OR AVERAGE	1	-	1	75	76	77	87	164	.03	1.92	1.95	2.20	4.15	152	107	259	4,105	7,902,787	17	1
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																				
ALABAMA	-	-	-	2	2	2	2	4	-	7.74	7.74	7.74	15.48	-	23	23	27	51,666	1	-
ARKANSAS	-	-	-	26	26	26	38	64	-	2.16	2.16	3.15	5.31	-	169	169	1,424	2,411,106	10	1
GEORGIA	-	-	-	-	-	-	1	1	-	-	-	2.82	2.82	-	-	-	40	70,825	4	-
LOUISIANA	-	-	1	26	27	27	22	49	-	2.61	2.61	2.13	4.74	-	153	153	998	2,067,475	4	-
TEXAS	1	-	-	9	9	10	17	27	.08	.73	.81	1.38	2.19	486	12	498	1,238	2,469,075	3	-
VIRGIN ISLANDS	-	-	-	12	12	12	8	20	-	2.37	2.37	1.58	3.94	-	92	92	475	1,014,647	1	-
TOTAL OR AVERAGE	1	-	1	75	76	77	88	165	.02	1.88	1.90	2.18	4.08	148	105	253	4,202	8,084,794	23	1

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TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES		NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES		NFDL	ALL FATAL AND NFDL				
		PERMANENT		TEMPORARY	TOTAL NFDL															
		TOTAL	PARTIAL																	
ALUMINUM ORE-CONTINUED:																				
OFFICE:																				
ALABAMA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	23,542	-	1	
ARKANSAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	468	958,489	-	8	
GEORGIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	5,656	-	3	
LOUISIANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	300	524,327	-	4	
TEXAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	309	611,494	-	3	
VIRGIN ISLANDS	-	-	-	-	-	-	1	1	-	-	-	1.50	1.50	-	-	62	133,485	-	1	
TOTAL OR AVERAGE	-	-	-	-	-	-	1	1	-	-	-	.09	.09	-	-	1,156	2,256,993	-	20	
GRAND TOTAL OR AVERAGE:																				
ALABAMA	-	-	-	2	2	2	2	4	-	5.32	5.32	5.32	10.64	-	16	16	40	75,208	1	1
ARKANSAS	-	-	-	26	26	26	38	64	-	1.54	1.54	2.26	3.80	-	121	121	1,892	3,369,595	10	9
GEORGIA	-	-	-	-	-	-	1	1	-	-	-	2.62	2.62	-	-	-	44	76,481	4	3
LOUISIANA	-	-	1	26	27	27	22	49	-	2.08	2.08	1.70	3.78	-	122	122	1,298	2,591,802	4	4
TEXAS	1	-	-	9	9	10	17	27	.06	.58	.65	1.10	1.75	390	9	399	1,547	3,080,569	3	3
VIRGIN ISLANDS	-	-	-	12	12	12	9	21	-	2.09	2.09	1.57	3.66	-	82	82	537	1,148,132	1	1
TOTAL OR AVERAGE	1	-	1	75	76	77	89	166	.02	1.47	1.49	1.72	3.21	116	82	198	5,358	10,341,787	23	21
ANTIMONY:																				
UNDERGROUND MINES:																				
UNDERGROUND:																				
IDAHO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	320	1	-
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3,712	1	-
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4,032	2	-
TOTAL OR AVERAGE, UG:																				
IDAHO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	320	1	-
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3,712	1	-
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4,032	2	-
TOTAL OR AVERAGE, MINING:																				
IDAHO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	320	1	-
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3,712	1	-
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4,032	2	-
PROCESSING PLANTS:																				
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	9,129	1	-
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	9,129	1	-

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TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL				TOTAL FATAL AND NFDL	MDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	MDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL				
		PERMANENT		TEMPORARY	TOTAL NFDL															
		TOTAL	PARTIAL																	
ANTIMONY-CONTINUED:																				
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																				
IDAHO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	320	1	-
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	12,841	2	-
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	13,161	3	-
OFFICE:																				
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	6,844	-	1
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	6,844	-	1
GRAND TOTAL OR AVERAGE:																				
IDAHO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	320	1	-
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	19,685	2	1
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	20,005	3	1
BERYL:																				
SURFACE MINES:																				
OPEN PIT:																				
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	13,000	1	-
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	13,000	1	-
TOTAL OR AVERAGE, SURFACE:																				
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	13,000	1	-
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	13,000	1	-
TOTAL OR AVERAGE, MINING:																				
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	13,000	1	-
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	13,000	1	-
PROCESSING PLANTS:																				
UTAH	-	-	-	3	3	3	6	9	-	3.70	3.70	7.40	11.10	-	9	9	76	162,180	1	-
TOTAL OR AVERAGE	-	-	-	3	3	3	6	9	-	3.70	3.70	7.40	11.10	-	9	9	76	162,180	1	-
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																				
UTAH	-	-	-	3	3	3	6	9	-	3.43	3.43	6.85	10.28	-	8	8	82	175,180	2	-
TOTAL OR AVERAGE	-	-	-	3	3	3	6	9	-	3.43	3.43	6.85	10.28	-	8	8	82	175,180	2	-

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TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL				
		PERMANENT		TEMPORARY	TOTAL NFDL															
		TOTAL	PARTIAL																	
BERYL-CONTINUED:																				
OFFICE:																				
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	47,840	-	2
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	47,840	-	2
GRAND TOTAL OR AVERAGE:																				
UTAH	-	-	-	3	3	3	6	9	-	2.69	2.69	5.38	8.07	-	6	6	105	223,020	2	2
TOTAL OR AVERAGE	-	-	-	3	3	3	6	9	-	2.69	2.69	5.38	8.07	-	6	6	105	223,020	2	2
COBALT:																				
UNDERGROUND MINES:																				
UNDERGROUND:																				
IDAHO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2,136	1	-
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2,136	1	-
SURFACE AT UNDERGROUND:																				
IDAHO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	5,616	-	1
MISSOURI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2,583	1	-
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	8,199	1	1
TOTAL OR AVERAGE, UG:																				
IDAHO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	7,752	1	1
MISSOURI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2,583	1	-
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	10,335	2	1
TOTAL OR AVERAGE, MINING:																				
IDAHO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	7,752	1	1
MISSOURI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2,583	1	-
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	10,335	2	1
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																				
IDAHO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	7,752	1	1
MISSOURI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2,583	1	-
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	10,335	2	1

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TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES		FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL				
		PERMANENT		TEMPORARY	TOTAL NFDL															
		TOTAL	PARTIAL																	
COBALT-CONTINUED:																				
OFFICE:																				
IDAHO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2,008	-	1
MISSOURI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2,571	-	1
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4,579	-	2
GRAND TOTAL OR AVERAGE:																				
IDAHO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	9,760	1	2
MISSOURI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5,154	1	1
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	14,914	2	3
COLUMBIUM-TANTALUM:																				
PROCESSING PLANTS:																				
SOUTH DAKOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	7,790	1	-
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	7,790	1	-
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																				
SOUTH DAKOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	7,790	1	-
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	7,790	1	-
OFFICE:																				
SOUTH DAKOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1,490	-	1
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1,490	-	1
GRAND TOTAL OR AVERAGE:																				
SOUTH DAKOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	9,280	1	1
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	9,280	1	1
COPPER:																				
UNDERGROUND MINES:																				
UNDERGROUND:																				
ARIZONA	-	-	3	68	71	71	77	148	-	6.23	6.23	6.75	12.98	-	296	296	1,415	2,280,871	7	-
MICHIGAN	-	-	-	2	2	2	-	2	-	6.51	6.51	-	6.51	-	143	143	30	61,427	1	-
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	16,883	2	-
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	12,264	2	-
TENNESSEE	-	-	-	10	10	10	2	12	-	4.52	4.52	.90	5.42	-	42	42	210	442,561	3	-
UTAH	-	-	-	-	-	-	1	1	-	-	-	1.58	1.58	-	-	-	56	126,288	2	-
TOTAL OR AVERAGE	-	-	3	80	83	83	80	163	-	5.65	5.65	5.44	11.09	-	239	239	1,731	2,940,294	17	-

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TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES													
		PERMANENT		TEMPORARY	TOTAL NFDL															
		TOTAL	PARTIAL																	
COPPER-CONTINUED:																				
SURFACE AT UNDERGROUND:																				
ARIZONA	-	-	2	13	15	15	14	29	-	1.96	1.96	1.83	3.80	-	275	275	909	1,527,061	2	7
MICHIGAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	92	133,300	-	1
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	5,963	-	2
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	31,667	-	1
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	960	-	1
TOTAL OR AVERAGE	-	-	2	13	15	15	14	29	-	1.77	1.77	1.65	3.41	-	247	247	1,024	1,698,951	2	12
TOTAL OR AVERAGE, UG:																				
ARIZONA	-	-	5	81	86	86	91	177	-	4.52	4.52	4.78	9.30	-	287	287	2,324	3,807,932	9	7
MICHIGAN	-	-	-	2	2	2	-	2	-	2.05	2.05	-	2.05	-	45	45	122	194,727	1	1
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	22,846	2	2
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28	43,931	2	1
TENNESSEE	-	-	-	10	10	10	2	12	-	4.52	4.52	.90	5.42	-	42	42	210	442,561	3	-
UTAH	-	-	-	-	-	-	1	1	-	-	-	1.57	1.57	-	-	-	58	127,248	2	1
TOTAL OR AVERAGE	-	-	5	93	98	98	94	192	-	4.22	4.22	4.05	8.28	-	242	242	2,755	4,639,245	19	12
SURFACE MINES:																				
OPEN PIT:																				
ARIZONA	-	-	1	72	73	73	65	138	-	2.73	2.73	2.43	5.16	-	70	70	2,444	5,343,889	14	-
MONTANA	-	-	-	3	3	3	1	4	-	2.79	2.79	.93	3.72	-	10	10	197	215,276	1	-
NEW MEXICO	-	-	-	10	10	10	12	22	-	1.81	1.81	2.18	3.99	-	34	34	597	1,103,117	4	-
TENNESSEE	-	-	-	1	1	1	-	1	-	2.78	2.78	-	2.78	-	103	103	32	71,918	1	-
UTAH	1	-	1	9	10	11	33	44	.06	.60	.66	1.97	2.63	359	126	485	1,692	3,346,704	1	-
TOTAL OR AVERAGE	1	-	2	95	97	98	111	209	.02	1.92	1.94	2.20	4.15	119	84	203	4,962	10,080,904	21	-
TOTAL OR AVERAGE, SURFACE:																				
ARIZONA	-	-	1	72	73	73	65	138	-	2.73	2.73	2.43	5.16	-	70	70	2,444	5,343,889	14	-
MONTANA	-	-	-	3	3	3	1	4	-	2.79	2.79	.93	3.72	-	10	10	197	215,276	1	-
NEW MEXICO	-	-	-	10	10	10	12	22	-	1.81	1.81	2.18	3.99	-	34	34	597	1,103,117	4	-
TENNESSEE	-	-	-	1	1	1	-	1	-	2.78	2.78	-	2.78	-	103	103	32	71,918	1	-
UTAH	1	-	1	9	10	11	33	44	.06	.60	.66	1.97	2.63	359	126	485	1,692	3,346,704	1	-
TOTAL OR AVERAGE	1	-	2	95	97	98	111	209	.02	1.92	1.94	2.20	4.15	119	84	203	4,962	10,080,904	21	-
TOTAL OR AVERAGE, MINING:																				
ARIZONA	-	-	6	153	159	159	156	315	-	3.47	3.47	3.41	6.88	-	161	161	4,768	9,151,821	23	7
MICHIGAN	-	-	-	2	2	2	-	2	-	2.05	2.05	-	2.05	-	45	45	122	194,727	1	1
MONTANA	-	-	-	3	3	3	1	4	-	2.79	2.79	.93	3.72	-	10	10	197	215,276	1	-
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	22,846	2	2
NEW MEXICO	-	-	-	10	10	10	12	22	-	1.74	1.74	2.09	3.84	-	33	33	625	1,147,048	6	1
TENNESSEE	-	-	-	11	11	11	2	13	-	4.28	4.28	.78	5.05	-	51	51	242	514,479	4	-
UTAH	1	-	1	9	10	11	34	45	.06	.58	.63	1.96	2.59	345	122	467	1,750	3,473,952	3	1
TOTAL OR AVERAGE	1	-	7	188	195	196	205	401	.01	2.65	2.66	2.79	5.45	82	134	215	7,717	14,720,149	40	12

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TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	MDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	MDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL				
		PERMANENT		TEMPORARY																
		TOTAL	PARTIAL																	
COPPER--CONTINUED:																				
INDEPENDENT SHOPS:																				
TENNESSEE	-	-	-	2	2	2	1	3	-	.60	.60	.30	.91	-	4	4	309	662,089	2	-
TOTAL OR AVERAGE	-	-	-	2	2	2	1	3	-	.60	.60	.30	.91	-	4	4	309	662,089	2	-
PROCESSING PLANTS:																				
ARIZONA	-	-	1	72	73	73	75	148	-	2.89	2.89	2.97	5.86	-	89	89	2,598	5,084,312	14	6
IDAHO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41	48,814	3	-
MICHIGAN	-	-	-	2	2	2	-	2	-	19.90	19.90	-	19.90	-	368	368	10	20,099	-	1
MONTANA	-	-	-	4	4	4	1	5	-	2.23	2.23	.56	2.79	-	68	68	347	358,274	-	1
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	4,173	1	-
NEW MEXICO	-	-	-	6	6	6	9	15	-	1.99	1.99	2.99	4.98	-	22	22	316	602,782	1	5
TENNESSEE	-	-	-	1	1	1	5	6	-	.34	.34	1.71	2.06	-	3	3	268	583,885	2	-
UTAH	1	-	2	17	19	20	54	74	.06	1.21	1.27	3.43	4.70	381	73	454	1,587	3,147,002	4	-
TOTAL OR AVERAGE	1	-	3	102	105	106	144	250	.02	2.14	2.16	2.93	5.09	122	74	196	5,170	9,819,341	25	13
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																				
ARIZONA	-	-	7	225	232	232	231	463	-	3.27	3.27	3.25	6.52	-	135	135	7,366	14,206,133	37	13
IDAHO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41	48,814	3	-
MICHIGAN	-	-	-	4	4	4	-	4	-	3.72	3.72	-	3.72	-	75	75	132	214,826	1	2
MONTANA	-	-	-	7	7	7	2	9	-	2.44	2.44	.70	3.14	-	46	46	544	573,550	1	1
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	27,019	3	2
NEW MEXICO	-	-	-	16	16	16	21	37	-	1.83	1.83	2.40	4.23	-	29	29	941	1,749,830	7	6
TENNESSEE	-	-	-	14	14	14	8	22	-	1.59	1.59	.91	2.50	-	17	17	819	1,760,453	8	-
UTAH	2	-	3	26	29	31	88	119	.06	.88	.94	2.66	3.59	362	99	461	3,337	6,620,954	7	1
TOTAL OR AVERAGE	2	-	10	292	302	304	350	654	.02	2.40	2.41	2.78	5.19	95	107	202	13,196	25,201,579	67	25
OFFICE:																				
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,049	2,130,033	1	32
IDAHO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	12,041	-	3
MICHIGAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47	88,977	-	1
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	68	141,438	-	1
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	13,817	2	1
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	145	289,640	-	5
TENNESSEE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	102	195,840	-	1
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	196	391,024	1	7
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,627	3,262,810	4	51

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TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL			TOTAL FATAL AND NFDL	MDL	TOTAL INJURIES													
		PERMANENT		TEMPORARY	TOTAL NFDL															
		TOTAL	PARTIAL																	
COPPER--CONTINUED:																				
GRAND TOTAL OR AVERAGE:																				
ARIZONA	-	-	7	225	232	232	231	463	-	2.84	2.84	2.83	5.67	-	118	118	8,415	16,336,166	38	45
IDAHO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52	60,855	3	3
MICHIGAN	-	-	-	4	4	4	-	4	-	2.63	2.63	-	2.63	-	53	53	179	303,803	1	3
MONTANA	-	-	-	7	7	7	2	9	-	1.96	1.96	.56	2.52	-	37	37	612	714,988	1	2
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	40,836	3	3
NEW MEXICO	-	-	-	16	16	16	21	37	-	1.57	1.57	2.06	3.63	-	25	25	1,086	2,039,470	7	11
TENNESSEE	-	-	-	14	14	14	8	22	-	1.43	1.43	.82	2.25	-	16	16	921	1,956,293	8	1
UTAH	2	-	3	26	29	31	88	119	.06	.83	.88	2.51	3.39	342	93	435	3,533	7,011,978	8	8
TOTAL OR AVERAGE	2	-	10	292	302	304	350	654	.01	2.12	2.14	2.46	4.60	84	95	179	14,823	28,464,389	71	76
GOLD:																				
UNDERGROUND MINES:																				
UNDERGROUND:																				
ALASKA	-	-	-	2	2	2	1	3	-	14.18	14.18	7.09	21.28	-	468	468	25	28,202	4	-
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	11,516	5	-
CALIFORNIA	1	-	-	2	2	3	5	8	2.07	4.13	6.20	10.33	16.53	12,397	107	12,504	140	96,800	40	-
COLORADO	-	-	-	14	14	14	8	22	-	12.73	12.73	7.28	20.01	-	154	154	191	219,922	41	-
IDAHO	-	-	-	1	1	1	-	1	-	9.70	9.70	-	9.70	-	330	330	24	20,624	9	-
MICHIGAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	12,717	1	-
MONTANA	-	-	1	8	9	9	4	13	-	10.27	10.27	4.56	14.84	-	708	708	145	175,251	26	-
NEVADA	-	-	1	21	22	22	7	29	-	18.13	18.13	5.77	23.90	-	967	967	141	242,645	16	-
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	13,907	4	-
NORTH CAROLINA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1,386	1	-
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	10,688	6	-
SOUTH DAKOTA	-	-	-	53	53	53	51	104	-	5.06	5.06	4.87	9.93	-	198	198	1,023	2,093,919	1	-
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	5,280	1	-
WASHINGTON	-	-	-	8	8	8	4	12	-	13.61	13.61	6.80	20.41	-	274	274	68	117,597	5	-
TOTAL OR AVERAGE	1	-	2	109	111	112	80	192	.07	7.28	7.34	5.25	12.59	393	285	678	1,824	3,050,454	160	-
SURFACE AT UNDERGROUND:																				
ALASKA	-	-	-	1	1	1	-	1	-	8.40	8.40	-	8.40	-	42	42	13	23,820	-	2
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1,699	-	2
CALIFORNIA	-	-	-	1	1	1	2	3	-	1.94	1.94	3.88	5.82	-	12	12	105	103,072	5	28
COLORADO	-	-	-	6	6	6	4	10	-	11.95	11.95	7.97	19.92	-	201	201	96	100,426	3	30
IDAHO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	2,975	3	2
MICHIGAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	6,866	-	1
MONTANA	-	-	-	1	1	1	2	3	-	3.02	3.02	6.04	9.06	-	27	27	50	66,237	1	11
NEVADA	-	-	-	4	4	4	2	6	-	8.95	8.95	4.47	13.42	-	40	40	67	89,395	2	13
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	13,432	2	3
NORTH CAROLINA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1,731	-	1
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	7,504	1	5
SOUTH DAKOTA	-	-	1	4	5	5	10	15	-	2.48	2.48	4.96	7.44	-	179	179	319	403,038	-	1
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	6,867	-	1
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	25,983	-	2
TOTAL OR AVERAGE	-	-	1	17	18	18	20	38	-	4.22	4.22	4.69	8.91	-	117	117	728	853,045	17	102

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TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL				
		PERMANENT		TEMPORARY																
		TOTAL	PARTIAL																	
GOLD--CONTINUED:																				
TOTAL OR AVERAGE, UG:																				
ALASKA	-	-	-	3	3	3	1	4	-	11.53	11.53	3.84	15.38	-	273	273	38	52,022	4	2
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	13,215	5	2
CALIFORNIA	1	-	-	3	3	4	7	11	1.00	3.00	4.00	7.00	11.01	6,004	58	6,062	245	199,872	45	28
COLORADO	-	-	-	20	20	20	12	32	-	12.49	12.49	7.49	19.98	-	169	169	287	320,348	44	30
IDAHO	-	-	-	1	1	1	-	1	-	8.47	8.47	-	8.47	-	288	288	30	23,599	12	2
MICHIGAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	19,583	1	1
MONTANA	-	-	1	9	10	10	6	16	-	8.28	8.28	4.97	13.25	-	521	521	195	241,488	27	11
NEVADA	-	-	1	25	26	26	9	35	-	15.66	15.66	5.42	21.08	-	717	717	208	332,040	18	13
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37	27,339	6	3
NORTH CAROLINA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	3,117	1	1
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	18,192	7	5
SOUTH DAKOTA	-	-	1	57	58	58	61	119	-	4.65	4.65	4.89	9.53	-	195	195	1,342	2,496,957	1	1
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	12,147	1	1
WASHINGTON	-	-	-	8	8	8	4	12	-	11.14	11.14	5.57	16.72	-	224	224	82	143,580	5	2
TOTAL OR AVERAGE	1	-	3	126	129	130	100	230	.05	6.61	6.66	5.12	11.78	307	248	556	2,552	3,903,499	177	102
SURFACE MINES:																				
OPEN PIT:																				
ALASKA	-	-	-	8	8	8	-	8	-	7.82	7.82	-	7.82	-	68	68	157	204,575	27	-
ARIZONA	-	-	2	8	10	10	1	11	-	13.24	13.24	1.32	14.57	-	213	213	117	151,026	21	-
CALIFORNIA	-	-	-	6	6	6	-	6	-	8.02	8.02	-	8.02	-	138	138	93	149,576	17	-
COLORADO	-	-	-	3	3	3	-	3	-	23.95	23.95	-	23.95	-	240	240	30	25,052	8	-
IDAHO	-	-	-	3	3	3	3	6	-	5.10	5.10	5.10	10.19	-	88	88	140	117,732	12	-
MONTANA	-	-	-	2	2	2	-	2	-	1.97	1.97	-	1.97	-	51	51	165	203,014	36	-
NEVADA	1	-	-	33	33	34	15	49	.08	2.61	2.68	1.18	3.87	474	38	512	1,313	2,533,067	48	-
NEW MEXICO	-	-	-	2	2	2	-	2	-	18.90	18.90	-	18.90	-	369	369	19	21,160	4	-
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	3,884	3	-
SOUTH CAROLINA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1,365	2	-
SOUTH DAKOTA	-	-	-	4	4	4	-	4	-	6.07	6.07	-	6.07	-	18	18	64	131,737	2	-
TEXAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	3,651	1	-
UTAH	-	-	-	-	-	-	2	2	-	-	-	16.28	16.28	-	-	-	37	24,564	3	-
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	3,163	2	-
TOTAL OR AVERAGE	1	-	2	69	71	72	21	93	.06	3.97	4.03	1.18	5.20	336	56	392	2,164	3,573,506	188	-
DREDGE:																				
ALASKA	-	-	-	1	1	1	-	1	-	.99	.99	-	.99	-	32	32	102	201,278	6	-
CALIFORNIA	-	-	-	8	8	8	2	10	-	11.42	11.42	2.86	14.28	-	124	124	63	140,098	1	-
TOTAL OR AVERAGE	-	-	-	9	9	9	2	11	-	5.27	5.27	1.17	6.44	-	70	70	165	341,376	7	-

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TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES													
		PERMANENT		TEMPORARY	TOTAL NFDL				FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL				
		TOTAL	PARTIAL																	
GOLD-CONTINUED:																				
TOTAL OR AVERAGE, SURFACE:																				
ALASKA	-	-	-	9	9	9	-	9	-	4.44	4.44	-	4.44	-	50	50	259	405,853	33	-
ARIZONA	-	-	2	8	10	10	1	11	-	13.24	13.24	1.32	14.57	-	213	213	117	151,026	21	-
CALIFORNIA	-	-	-	14	14	14	2	16	-	9.67	9.67	1.38	11.05	-	131	131	156	289,674	18	-
COLORADO	-	-	-	3	3	3	-	3	-	23.95	23.95	-	23.95	-	240	240	30	25,052	8	-
IDAHO	-	-	-	3	3	3	3	6	-	5.10	5.10	5.10	10.19	-	88	88	140	117,732	12	-
MONTANA	-	-	-	2	2	2	-	2	-	1.97	1.97	-	1.97	-	51	51	165	203,014	36	-
NEVADA	1	-	-	33	33	34	15	49	.08	2.61	2.68	1.18	3.87	474	38	512	1,313	2,533,067	48	-
NEW MEXICO	-	-	-	2	2	2	-	2	-	18.90	18.90	-	18.90	-	369	369	19	21,160	4	-
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	3,884	3	-
SOUTH CAROLINA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1,365	2	-
SOUTH DAKOTA	-	-	-	4	4	4	-	4	-	6.07	6.07	-	6.07	-	18	18	64	131,737	2	-
TEXAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	3,651	1	-
UTAH	-	-	-	-	-	-	2	2	-	-	-	16.28	16.28	-	-	-	37	24,564	5	-
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	3,163	2	-
TOTAL OR AVERAGE	1	-	2	78	80	81	23	104	.05	4.09	4.14	1.17	5.31	307	57	364	2,329	3,914,942	195	-
TOTAL OR AVERAGE, MINING:																				
ALASKA	-	-	-	12	12	12	1	13	-	5.24	5.24	.44	5.68	-	76	76	297	457,875	37	2
ARIZONA	-	-	2	8	10	10	1	11	-	12.18	12.18	1.22	13.39	-	196	196	132	164,241	26	2
CALIFORNIA	1	-	-	17	17	18	9	27	.41	6.95	7.35	3.68	11.03	2,451	101	2,553	401	489,546	63	28
COLORADO	-	-	-	23	23	23	12	35	-	13.32	13.32	6.95	20.27	-	174	174	317	345,400	52	30
IDAHO	-	-	-	4	4	4	3	7	-	5.66	5.66	4.25	9.91	-	122	122	170	141,331	24	2
MICHIGAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	19,583	1	1
MONTANA	-	-	1	11	12	12	6	18	-	5.40	5.40	2.70	8.10	-	306	306	360	444,502	63	11
NEVADA	1	-	1	58	59	60	24	84	.07	4.12	4.19	1.68	5.86	419	117	535	1,521	2,865,107	66	13
NEW MEXICO	-	-	-	2	2	2	-	2	-	8.25	8.25	-	8.25	-	161	161	56	48,499	10	3
NORTH CAROLINA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	3,117	1	1
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42	22,076	10	5
SOUTH CAROLINA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1,365	2	-
SOUTH DAKOTA	-	-	1	61	62	62	61	123	-	4.72	4.72	4.64	9.36	-	186	186	1,406	2,628,694	3	1
TEXAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	3,651	1	-
UTAH	-	-	-	-	-	-	2	2	-	-	-	10.90	10.90	-	-	-	45	36,711	6	1
WASHINGTON	-	-	-	8	8	8	4	12	-	10.90	10.90	5.45	16.36	-	219	219	90	146,743	7	2
TOTAL OR AVERAGE	2	-	5	204	209	211	123	334	.05	5.35	5.40	3.15	8.54	307	153	460	4,881	7,818,441	372	102

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL				
		PERMANENT		TEMPORARY	TOTAL NFDL															
		TOTAL	PARTIAL																	
GOLD--CONTINUED:																				
PROCESSING PLANTS:																				
ALASKA	-	-	-	2	2	2	-	2	-	12.31	12.31	-	12.31	-	105	105	42	32,490	4	-
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	56	46,659	2	5
CALIFORNIA	-	-	-	6	6	6	2	8	-	7.78	7.78	2.59	10.38	-	222	222	122	154,157	7	11
COLORADO	-	-	-	31	31	31	3	34	-	21.19	21.19	2.05	23.24	-	403	403	186	292,648	9	10
IDAHO	-	-	-	2	2	2	-	2	-	17.94	17.94	-	17.94	-	215	215	20	22,297	3	1
MONTANA	-	-	-	7	7	7	1	8	-	3.74	3.74	.53	4.27	-	85	85	216	374,638	8	10
NEVADA	-	-	-	19	19	19	16	35	-	2.44	2.44	2.06	4.50	-	56	56	806	1,555,550	17	23
NEW MEXICO	-	-	1	2	3	3	2	5	-	5.09	5.09	3.39	8.49	-	148	148	59	117,843	1	3
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	350	-	1
SOUTH DAKOTA	-	-	-	1	1	1	-	1	-	1.10	1.10	-	1.10	-	10	10	112	182,589	1	1
TEXAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	7,140	-	1
WASHINGTON	-	-	-	-	-	-	1	1	-	-	-	5.37	5.37	-	-	-	23	37,251	1	2
TOTAL OR AVERAGE	-	-	1	70	71	71	25	96	-	5.03	5.03	1.77	6.80	-	106	106	1,659	2,823,612	53	68
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																				
ALASKA	-	-	-	14	14	14	1	15	-	5.71	5.71	.41	6.12	-	77	77	339	490,365	41	2
ARIZONA	-	-	2	8	10	10	1	11	-	9.48	9.48	.95	10.43	-	153	153	188	210,900	28	7
CALIFORNIA	1	-	-	23	23	24	11	35	.31	7.15	7.46	3.42	10.87	1,864	130	1,994	523	643,703	70	39
COLORADO	-	-	-	54	54	54	15	69	-	16.93	16.93	4.70	21.63	-	279	279	503	638,048	61	40
IDAHO	-	-	-	6	6	6	3	9	-	7.33	7.33	3.67	11.00	-	134	134	190	163,628	27	3
MICHIGAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	19,583	1	1
MONTANA	-	-	1	18	19	19	7	26	-	4.64	4.64	1.71	6.35	-	205	205	576	819,140	71	21
NEVADA	1	-	1	77	78	79	40	119	.05	3.53	3.57	1.81	5.38	271	95	367	2,327	4,420,657	83	36
NEW MEXICO	-	-	1	4	5	5	2	7	-	6.01	6.01	2.40	8.42	-	151	151	115	166,342	11	6
NORTH CAROLINA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	3,117	1	1
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43	22,426	10	6
SOUTH CAROLINA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1,365	2	-
SOUTH DAKOTA	-	-	1	62	63	63	61	124	-	4.48	4.48	4.34	8.82	-	174	174	1,518	2,811,283	4	2
TEXAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	10,791	1	1
UTAH	-	-	-	-	-	-	2	2	-	-	-	10.90	10.90	-	-	-	45	36,711	6	1
WASHINGTON	-	-	-	8	8	8	5	13	-	8.70	8.70	5.43	14.13	-	175	175	113	183,994	8	4
TOTAL OR AVERAGE	2	-	6	274	280	282	148	430	.04	5.26	5.30	2.78	8.08	226	140	366	6,540	10,642,053	425	170

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TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES													
		PERMANENT		TEMPORARY	TOTAL NFDL															
		TOTAL	PARTIAL						FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL				
GOLD--CONTINUED:																				
OFFICE:																				
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49	56,824	-	13
ARIZONA	-	-	-	-	-	-	1	1	-	-	-	1.68	1.68	-	-	-	18	15,225	1	7
CALIFORNIA	-	-	-	1	1	1	-	1	-	2.21	2.21	-	2.21	-	24	24	102	118,742	4	31
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	76	90,689	4	29
IDAHO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37	39,217	-	11
MICHIGAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3,148	-	1
MONTANA	-	-	-	-	-	-	1	1	-	-	-	.25	.25	-	-	-	72	100,328	2	20
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	465	806,989	1	46
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	21,210	-	6
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	9,128	-	5
SOUTH CAROLINA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	838	-	1
SOUTH DAKOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	80	313,836	-	2
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1,760	-	1
WASHINGTON	-	-	-	1	1	1	-	1	-	3.61	3.61	-	3.61	-	647	647	27	55,326	-	3
TOTAL OR AVERAGE	-	-	-	2	2	2	2	4	-	.24	24	.24	.49	-	23	23	958	1,633,260	12	176
GRAND TOTAL OR AVERAGE:																				
ALASKA	-	-	-	14	14	14	1	15	-	5.12	5.12	.37	5.48	-	69	69	388	547,189	41	15
ARIZONA	1	-	2	8	10	10	1	11	-	8.84	8.84	.88	9.73	-	142	142	206	226,125	29	14
CALIFORNIA	-	-	-	23	23	24	12	36	.26	6.03	6.30	3.15	9.44	1,574	110	1,684	625	762,445	74	70
COLORADO	-	-	-	55	55	55	15	70	-	15.09	15.09	4.12	19.21	-	247	247	579	728,737	65	69
IDAHO	-	-	-	6	6	6	3	9	-	5.92	5.92	2.96	8.87	-	108	108	227	202,845	27	14
MICHIGAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	22,731	1	2
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	648	919,468	73	41
NEVADA	1	-	1	18	19	19	7	26	-	4.13	4.13	1.52	5.66	-	183	183	2,792	5,227,646	84	82
NEW MEXICO	-	-	1	77	78	79	41	120	.04	2.98	3.02	1.57	4.59	230	81	310	131	187,552	11	12
NORTH CAROLINA	-	-	-	4	5	5	2	7	-	5.33	5.33	2.13	7.46	-	134	134	7	3,117	1	1
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	31,554	10	11
SOUTH CAROLINA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	2,203	2	1
SOUTH DAKOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,598	3,125,119	4	4
TEXAS	-	-	1	62	63	63	61	124	-	4.03	4.03	3.90	7.94	-	157	157	27	10,791	1	1
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46	38,471	6	2
WASHINGTON	-	-	-	-	-	-	2	2	-	-	-	10.40	10.40	-	-	-	140	239,320	8	7
TOTAL OR AVERAGE	2	-	6	9	9	9	5	14	-	7.52	7.52	4.18	11.70	-	284	284	7,498	12,275,313	437	346
IRON:																				
UNDERGROUND MINES:																				
UNDERGROUND:																				
MISSOURI	-	-	-	3	3	3	4	7	-	2.88	2.88	3.84	6.72	-	145	145	104	208,312	1	-
WYOMING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	1,976	1	-
TOTAL OR AVERAGE	-	-	-	3	3	3	4	7	-	2.85	2.85	3.80	6.66	-	144	144	109	210,288	2	-

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1984 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES		NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES		NFDL	ALL FATAL AND NFDL				
		PERMANENT		TEMPORARY	TOTAL NFDL															
		TOTAL	PARTIAL																	
IRON-CONTINUED:																				
SURFACE AT UNDERGROUND:																				
MISSOURI	-	-	-	1	1	1	2	3	-	2.60	2.60	5.20	7.79	-	42	42	38	76,980	-	1
WYOMING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	3,011	-	1
TOTAL OR AVERAGE	-	-	-	1	1	1	2	3	-	2.50	2.50	5.00	7.50	-	40	40	45	79,991	-	2
TOTAL OR AVERAGE, UG:																				
MISSOURI	-	-	-	4	4	4	6	10	-	2.80	2.80	4.21	7.01	-	117	117	142	285,292	1	1
WYOMING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	4,987	1	1
TOTAL OR AVERAGE	-	-	-	4	4	4	6	10	-	2.76	2.76	4.13	6.89	-	115	115	154	290,279	2	2
SURFACE MINES:																				
OPEN PIT:																				
CALIFORNIA	-	-	1	-	1	1	-	1	-	1.95	1.95	-	1.95	-	98	98	47	102,342	2	-
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1,038	1	-
MICHIGAN	-	-	1	15	16	16	4	20	-	2.59	2.59	.65	3.24	-	60	60	664	1,236,156	4	-
MINNESOTA	1	-	1	73	74	75	21	96	.05	3.35	3.39	.95	4.34	272	127	399	2,371	4,419,089	13	-
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1,020	1	-
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	160	1	-
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	8,904	1	-
TEXAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	57,968	2	-
WYOMING	-	-	-	3	3	3	2	5	-	3.99	3.99	2.66	6.64	-	74	74	91	150,521	1	-
TOTAL OR AVERAGE	1	-	3	91	94	95	27	122	.03	3.15	3.18	.90	4.08	201	110	311	3,208	5,977,198	26	-
TOTAL OR AVERAGE, SURFACE:																				
CALIFORNIA	-	-	1	-	1	1	-	1	-	1.95	1.95	-	1.95	-	98	98	47	102,342	2	-
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1,038	1	-
MICHIGAN	-	-	1	15	16	16	4	20	-	2.59	2.59	.65	3.24	-	60	60	664	1,236,156	4	-
MINNESOTA	1	-	1	73	74	75	21	96	.05	3.35	3.39	.95	4.34	272	127	399	2,371	4,419,089	13	-
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1,020	1	-
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	160	1	-
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	8,904	1	-
TEXAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	57,968	2	-
WYOMING	-	-	-	3	3	3	2	5	-	3.99	3.99	2.66	6.64	-	74	74	91	150,521	1	-
TOTAL OR AVERAGE	1	-	3	91	94	95	27	122	.03	3.15	3.18	.90	4.08	201	110	311	3,208	5,977,198	26	-

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TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL			TOTAL FATAL AND NFDL	MDL	TOTAL INJURIES		NFDL	ALL FATAL AND NFDL	MDL	ALL INJURIES		NFDL	ALL FATAL AND NFDL				
		PERMANENT		TEMPORARY	TOTAL NFDL															
		TOTAL	PARTIAL																	
IRON--CONTINUED:																				
TOTAL OR AVERAGE, MINING:																				
CALIFORNIA	-	-	1	-	1	1	-	1	-	1.95	1.95	-	1.95	-	98	98	47	102,342	2	-
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1,038	1	-
MICHIGAN	-	-	1	15	16	16	4	20	-	2.59	2.59	.65	3.24	-	60	60	664	1,236,156	4	-
MINNESOTA	1	-	1	73	74	75	21	96	.05	3.35	3.39	.95	4.34	272	127	399	2,371	4,419,089	13	-
MISSOURI	-	-	-	4	4	4	6	10	-	2.80	2.80	4.21	7.01	-	117	117	142	285,292	1	1
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1,020	1	-
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	160	1	-
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	8,904	1	-
TEXAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	57,968	2	-
WYOMING	-	-	-	3	3	3	2	5	-	3.86	3.86	2.57	6.43	-	72	72	103	155,568	2	1
TOTAL OR AVERAGE	1	-	3	95	98	99	33	132	.03	3.13	3.16	1.05	4.21	191	110	301	3,362	6,267,477	28	2
INDEPENDENT SHOPS:																				
MICHIGAN	-	-	-	1	1	1	3	4	-	1.44	1.44	4.32	5.76	-	7	7	74	138,818	1	-
MINNESOTA	-	-	1	6	7	7	2	9	-	4.03	4.03	1.15	5.18	-	90	90	209	347,700	2	-
TENNESSEE	-	-	-	2	2	2	-	2	-	2.10	2.10	-	2.10	-	11	11	85	190,184	1	-
TOTAL OR AVERAGE	-	-	1	9	10	10	5	15	-	2.96	2.96	1.48	4.43	-	51	51	368	676,702	4	-
PROCESSING PLANTS:																				
CALIFORNIA	-	-	-	1	1	1	-	1	-	6.99	6.99	-	6.99	-	105	105	13	28,626	-	1
MICHIGAN	1	-	2	36	38	39	12	51	.10	3.80	3.90	1.20	5.10	600	79	679	1,060	1,998,810	1	1
MINNESOTA	1	-	1	82	83	84	41	125	.04	3.42	3.46	1.69	5.15	247	110	358	2,517	4,850,819	8	3
MISSOURI	-	-	-	4	4	4	3	7	-	4.12	4.12	3.09	7.21	-	71	71	91	194,104	-	1
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2,508	1	-
NORTH CAROLINA	-	-	-	-	-	-	1	1	-	-	-	99.99	99.99	-	-	-	6	1,244	1	-
TEXAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	5,123	-	1
VIRGINIA	-	-	-	1	1	1	-	1	-	5.69	5.69	-	5.69	-	279	279	21	35,124	1	-
WEST VIRGINIA	-	-	-	-	-	-	1	1	-	-	-	2.82	2.82	-	-	-	28	70,830	3	-
WISCONSIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	13,461	2	-
WYOMING	-	-	-	2	2	2	2	4	-	1.03	1.03	1.03	2.05	-	10	10	232	389,914	-	1
TOTAL OR AVERAGE	2	-	3	126	129	131	60	191	.05	3.40	3.45	1.58	5.03	316	95	411	3,983	7,590,563	17	8

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TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR KIND OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL				
		PERMANENT		TEMPORARY	TOTAL NFDL															
		TOTAL	PARTIAL																	
IRON--CONTINUED:																				
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																				
CALIFORNIA	-	-	1	1	2	2	-	2	-	3.05	3.05	-	3.05	-	99	99	60	130,968	2	1
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1,038	1	-
MICHIGAN	1	-	3	52	55	56	19	75	.06	3.26	3.32	1.13	4.45	336	69	424	1,798	3,373,784	6	1
MINNESOTA	2	-	3	161	164	166	64	230	.04	3.41	3.45	1.33	4.78	250	117	367	5,097	9,617,608	23	3
MISSOURI	-	-	-	8	8	8	9	17	-	3.34	3.34	3.75	7.09	-	98	98	233	479,396	1	2
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1,020	1	-
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	2,668	1	-
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	8,904	1	-
NORTH CAROLINA	-	-	-	-	-	-	1	1	-	-	-	99.99	99.99	-	-	-	6	1,244	1	-
TENNESSEE	-	-	-	2	2	2	-	2	-	2.10	2.10	-	2.10	-	11	11	05	190,184	1	-
TEXAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28	63,091	2	1
VIRGINIA	-	-	-	1	1	1	-	1	-	5.69	5.69	-	5.69	-	279	279	21	35,124	1	-
WEST VIRGINIA	-	-	-	-	-	-	1	1	-	-	-	2.82	2.82	-	-	-	28	70,830	3	-
WISCONSIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	13,461	2	-
WYOMING	-	-	-	5	5	5	4	9	-	1.83	1.83	1.47	3.30	-	28	28	335	545,422	2	2
TOTAL OR AVERAGE	3	-	7	230	237	240	98	336	.04	3.26	3.30	1.35	4.65	248	100	347	7,713	14,534,742	49	10
OFFICE:																				
CALIFORNIA	-	-	-	1	1	1	-	1	-	6.13	6.13	-	6.13	-	110	110	15	32,645	-	2
MICHIGAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	59	121,548	1	2
MINNESOTA	-	-	-	4	4	4	3	7	-	.50	.50	.37	.87	-	7	7	807	1,607,341	5	13
MISSOURI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	47,598	-	1
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	240	-	1
TEXAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38	46,193	1	2
VIRGINIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	1,673	-	1
WEST VIRGINIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	7,821	-	2
WISCONSIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	31,080	-	2
WYOMING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	75,151	-	2
TOTAL OR AVERAGE	-	-	-	5	5	5	3	8	-	.51	.51	.30	.81	-	7	7	1,027	1,971,290	7	28

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TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES													
		PERMANENT		TEMPORARY	TOTAL NFDL															
		TOTAL	PARTIAL						FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL				
IRON-CONTINUED:																				
GRAND TOTAL OR AVERAGE:																				
CALIFORNIA	-	-	1	2	3	3	-	3	-	3.67	3.67	-	3.67	-	101	101	75	163,613	2	3
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1,038	1	-
MICHIGAN	1	-	3	52	55	56	19	75	.06	3.15	3.20	1.09	4.29	343	66	410	1,857	3,495,332	7	3
MINNESOTA	2	-	3	165	168	170	67	237	.04	2.99	3.03	1.19	4.22	214	101	315	5,904	11,224,949	28	16
MISSOURI	-	-	-	8	8	8	9	17	-	3.04	3.04	3.42	6.45	-	90	90	263	526,994	1	3
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1,020	1	-
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	2,908	2	1
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	3,904	1	-
NORTH CAROLINA	-	-	-	-	-	-	1	1	-	-	-	99.99	99.99	-	-	-	6	1,244	1	-
TENNESSEE	-	-	-	2	2	2	-	2	-	2.10	2.10	-	2.10	-	11	11	85	190,184	1	-
TEXAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66	109,284	3	3
VIRGINIA	-	-	-	1	1	1	-	1	-	5.44	5.44	-	5.44	-	266	266	28	36,797	1	1
WEST VIRGINIA	-	-	-	-	-	-	1	1	-	-	-	2.54	2.54	-	-	-	32	78,651	3	2
WISCONSIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38	44,541	2	2
WYOMING	-	-	-	5	5	5	4	9	-	1.61	1.61	1.29	2.90	-	24	24	371	620,573	2	4
TOTAL OR AVERAGE	3	-	7	235	242	245	101	346	.04	2.93	2.97	1.22	4.19	218	89	307	8,740	16,506,032	56	38
LEAD-ZINC:																				
UNDERGROUND MINES:																				
UNDERGROUND:																				
COLORADO	-	-	-	31	31	31	13	44	-	12.86	12.86	5.39	18.25	-	352	352	277	482,252	4	-
IDAHO	-	-	-	56	56	56	27	83	-	25.77	25.77	12.42	38.19	-	971	971	218	434,694	4	-
MISSOURI	-	-	-	7	7	7	12	19	-	.95	.95	1.62	2.57	-	18	18	778	1,480,983	9	-
NEW JERSEY	-	-	-	7	7	7	5	12	-	20.17	20.17	14.41	34.58	-	746	746	38	69,403	1	-
NEW YORK	-	-	2	33	35	35	20	55	-	14.39	14.39	8.22	22.61	-	718	718	249	486,530	5	-
PENNSYLVANIA	-	-	-	11	11	11	-	11	-	13.06	13.06	-	13.06	-	150	150	114	168,392	1	-
TENNESSEE	1	1	1	51	53	54	23	77	.15	7.83	7.97	3.40	11.37	886	1,078	1,964	694	1,354,346	7	-
UTAH	-	-	-	2	2	2	1	3	-	13.10	13.10	6.55	19.66	-	52	52	22	30,525	2	-
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	6,192	1	-
TOTAL OR AVERAGE	1	1	3	198	202	203	101	304	.04	8.95	9.00	4.48	13.47	266	555	821	2,393	4,513,317	34	-
SURFACE AT UNDERGROUND:																				
COLORADO	-	-	-	2	2	2	2	4	-	2.89	2.89	2.89	5.78	-	84	84	68	138,519	1	4
IDAHO	-	-	-	2	2	2	1	3	-	3.13	3.13	1.56	4.69	-	13	13	65	127,841	1	3
MISSOURI	1	-	-	-	-	1	1	2	.45	-	.45	.45	.90	2,706	-	2,706	287	443,405	-	9
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	750	1	-
NEW JERSEY	-	-	-	-	-	-	2	2	-	-	-	28.31	28.31	-	-	-	10	14,130	-	1
NEW YORK	-	-	-	-	-	-	1	1	-	-	-	6.76	6.76	-	-	-	15	29,582	-	4
PENNSYLVANIA	-	-	-	1	1	1	-	1	-	3.46	3.46	-	3.46	-	14	14	30	57,830	-	1
TENNESSEE	-	-	-	2	2	2	3	5	-	4.58	4.58	6.87	11.44	-	288	288	43	87,388	1	6
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3,345	-	1
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	6,192	-	1
TOTAL OR AVERAGE	1	-	-	7	7	8	10	18	.22	1.54	1.76	2.20	3.96	1,320	43	1,363	525	908,982	4	30

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TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES													
		PERMANENT		TEMPORARY	TOTAL NFDL															
		TOTAL	PARTIAL																	
LEAD-ZINC-CONTINUED:																				
TOTAL OR AVERAGE, UG:																				
COLORADO	-	-	-	33	33	33	15	48	-	10.63	10.63	4.83	15.46	-	292	292	345	620,771	5	4
IDAHO	-	-	-	58	58	58	28	86	-	20.62	20.62	9.95	30.58	-	753	753	283	562,535	5	3
MISSOURI	1	-	-	7	7	8	13	21	.10	.73	.83	1.35	2.18	624	14	638	1,065	1,924,388	9	9
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	750	1	-
NEW JERSEY	-	-	-	7	7	7	7	14	-	16.76	16.76	16.76	33.52	-	620	620	48	83,533	1	1
NEW YORK	-	-	2	33	35	35	21	56	-	13.56	13.56	8.14	21.70	-	677	677	264	516,112	5	4
PENNSYLVANIA	-	-	-	12	12	12	-	12	-	10.61	10.61	-	10.61	-	115	115	144	226,222	1	1
TENNESSEE	1	1	1	53	55	56	26	82	.14	7.63	7.77	3.61	11.38	832	1,030	1,862	737	1,441,734	8	6
UTAH	-	-	-	2	2	2	1	3	-	11.81	11.81	5.90	17.71	-	47	47	24	33,870	2	1
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	12,384	1	1
TOTAL OR AVERAGE	2	1	3	205	209	211	111	322	.07	7.71	7.78	4.09	11.88	443	470	912	2,918	5,422,299	38	30
SURFACE MINES:																				
OPEN PIT:																				
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2,000	1	-
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2,000	1	-
TOTAL OR AVERAGE, SURFACE:																				
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2,000	1	-
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2,000	1	-
TOTAL OR AVERAGE, MINING:																				
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2,000	1	-
COLORADO	-	-	-	33	33	33	15	48	-	10.63	10.63	4.83	15.46	-	292	292	345	620,771	5	4
IDAHO	-	-	-	58	58	58	28	86	-	20.62	20.62	9.95	30.58	-	753	753	283	562,535	5	3
MISSOURI	1	-	-	7	7	8	13	21	.10	.73	.83	1.35	2.18	624	14	638	1,065	1,924,388	9	9
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	750	1	-
NEW JERSEY	-	-	-	7	7	7	7	14	-	16.76	16.76	16.76	33.52	-	620	620	48	83,533	1	1
NEW YORK	-	-	2	33	35	35	21	56	-	13.56	13.56	8.14	21.70	-	677	677	264	516,112	5	4
PENNSYLVANIA	-	-	-	12	12	12	-	12	-	10.61	10.61	-	10.61	-	115	115	144	226,222	1	1
TENNESSEE	1	1	1	53	55	56	26	82	.14	7.63	7.77	3.61	11.38	832	1,030	1,862	737	1,441,734	8	6
UTAH	-	-	-	2	2	2	1	3	-	11.81	11.81	5.90	17.71	-	47	47	24	33,870	2	1
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	12,384	1	1
TOTAL OR AVERAGE	2	1	3	205	209	211	111	322	.07	7.71	7 78	4.09	11.87	442	469	912	2,922	5,424,299	39	30
INDEPENDENT SHOPS:																				
MISSOURI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	80	158,072	1	-
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	80	158,072	1	-

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TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES													
		PERMANENT		TEMPORARY	TOTAL NFDL			FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL				
		TOTAL	PARTIAL																	
LEAD-ZINC-CONTINUED:																				
PROCESSING PLANTS:																				
COLORADO	-	-	-	2	2	2	-	2	-	6.42	6.42	-	6.42	-	116	116	66	62,286	-	2
IDAHO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	33,566	1	2
MISSOURI	-	-	-	5	5	5	4	9	-	2.70	2.70	2.16	4.86	-	104	104	194	370,382	-	6
NEW JERSEY	-	-	-	-	-	-	3	3	-	-	-	30.46	30.46	-	-	-	11	19,695	-	1
NEW YORK	-	-	-	3	3	3	3	6	-	2.61	2.61	2.61	5.22	-	12	12	118	230,003	-	1
PENNSYLVANIA	-	-	-	5	5	5	-	5	-	13.59	13.59	-	13.59	-	201	201	48	73,602	1	1
TENNESSEE	-	-	-	5	5	5	7	12	-	2.75	2.75	3.85	6.61	-	61	61	176	363,346	6	1
TOTAL OR AVERAGE	-	-	-	20	20	20	17	37	-	3.47	3.47	2.96	6.42	-	74	74	633	1,152,880	8	14
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																				
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2,000	1	-
COLORADO	-	-	-	35	35	35	15	50	-	10.25	10.25	4.39	14.64	-	276	276	411	683,057	5	6
IDAHO	-	-	-	58	58	58	28	86	-	19.46	19.46	9.39	28.85	-	711	711	303	596,101	6	5
MISSOURI	1	-	-	12	12	13	17	30	.08	.98	1.06	1.39	2.45	489	27	516	1,339	2,452,842	10	15
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	750	1	-
NEW JERSEY	-	-	-	7	7	7	10	17	-	13.56	13.56	19.37	32.94	-	502	502	59	103,228	1	2
NEW YORK	-	-	2	36	38	38	24	62	-	10.19	10.19	6.43	16.62	-	472	472	382	746,115	5	5
PENNSYLVANIA	-	-	-	17	17	17	-	17	-	11.34	11.34	-	11.34	-	136	136	192	299,824	2	2
TENNESSEE	1	1	1	58	60	61	33	94	.11	6.65	6.76	3.66	10.42	665	835	1,500	913	1,805,080	14	7
UTAH	-	-	-	2	2	2	1	3	-	11.81	11.81	5.90	17.71	-	47	47	24	33,870	2	1
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	12,384	1	1
TOTAL OR AVERAGE	2	1	3	225	229	231	128	359	.06	6.80	6.86	3.80	10.66	356	391	747	3,635	6,735,251	48	44
OFFICE:																				
COLORADO	-	-	-	1	1	1	-	1	-	2.93	2.93	-	2.93	-	9	9	33	68,260	-	3
IDAHO	-	-	-	1	1	1	-	1	-	1.03	1.03	-	1.03	-	4	4	102	193,301	-	4
MISSOURI	-	-	-	-	-	-	1	1	-	-	-	.45	.45	-	-	-	231	448,524	1	8
NEW JERSEY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	12,359	-	1
NEW YORK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32	56,849	-	1
PENNSYLVANIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28	21,968	-	2
TENNESSEE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43	63,880	-	9
TOTAL OR AVERAGE	-	-	-	2	2	2	1	3	-	.46	.46	.23	.69	-	2	2	476	865,141	1	28

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TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES													
		PERMANENT		TEMPORARY	TOTAL NFDL															
		TOTAL	PARTIAL																	
LEAD-ZINC-CONTINUED:																				
GRAND TOTAL OR AVERAGE:																				
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2,000	1	-
COLORADO	-	-	-	36	36	36	15	51	-	9.58	9.58	3.99	13.58	-	252	252	444	751,317	5	9
IDAHO	-	-	-	59	59	59	28	87	-	14.95	14.95	7.09	22.04	-	538	538	405	719,402	6	9
MISSOURI	1	-	-	12	12	13	18	31	.07	.83	.90	1.24	2.14	414	22	436	1,570	2,901,366	11	23
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	750	1	-
NEW JERSEY	-	-	-	7	7	7	10	17	-	12.11	12.11	17.30	29.42	-	448	448	66	115,587	1	3
NEW YORK	-	-	2	36	38	38	24	62	-	9.46	9.46	5.98	15.44	-	439	439	414	802,964	5	6
PENNSYLVANIA	-	-	-	17	17	17	-	17	-	10.57	10.57	-	10.57	-	127	127	220	321,792	2	4
TENNESSEE	1	1	1	58	60	61	33	94	.11	6.42	6.53	3.53	10.06	642	807	1,449	956	1,868,960	14	16
UTAH	-	-	-	2	2	2	1	3	-	11.81	11.81	5.90	17.71	-	47	47	24	33,870	2	1
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	12,384	1	1
TOTAL OR AVERAGE	2	1	3	227	231	233	129	362	.05	6.08	6.13	3.39	9.53	316	346	662	4,111	7,600,392	49	72
MANGANESE:																				
SURFACE MINES:																				
OPEN PIT:																				
SOUTH CAROLINA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	752	2	-
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	752	2	-
TOTAL OR AVERAGE, SURFACE:																				
SOUTH CAROLINA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	752	2	-
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	752	2	-
TOTAL OR AVERAGE, MINING:																				
SOUTH CAROLINA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	752	2	-
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	752	2	-
PROCESSING PLANTS:																				
DELAWARE	-	-	-	1	1	1	-	1	-	2.70	2.70	-	2.70	-	189	189	36	74,148	1	-
ILLINOIS	-	-	-	1	1	1	-	1	-	5.83	5.83	-	5.83	-	35	35	22	34,320	1	-
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	9,080	1	-
TEXAS	-	-	-	-	-	-	2	2	-	-	-	11.05	11.05	-	-	-	19	36,186	2	-
TOTAL OR AVERAGE	-	-	-	2	2	2	2	4	-	2.60	2.60	2.60	5.20	-	99	99	82	153,734	5	-

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TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL				TOTAL FATAL AND NFDL	MDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	MDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL				
		PERMANENT		TEMPORARY	TOTAL NFDL															
		TOTAL	PARTIAL																	
MANGANESE-CONTINUED:																				
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																				
DELAWARE	-	-	-	1	1	1	-	1	-	2.70	2.70	-	2.70	-	189	189	36	74,148	1	-
ILLINOIS	-	-	-	1	1	1	-	1	-	5.83	5.83	-	5.83	-	35	35	22	34,320	1	-
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	9,080	1	-
SOUTH CAROLINA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	752	2	-
TEXAS	-	-	-	-	-	-	2	2	-	-	-	11.05	11.05	-	-	-	19	36,186	2	-
TOTAL OR AVERAGE	-	-	-	2	2	2	2	4	-	2.59	2.59	2.59	5.18	-	98	98	84	154,486	7	-
OFFICE:																				
DELAWARE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	8,757	-	1
ILLINOIS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	9,360	-	1
TEXAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	9,133	-	2
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	27,250	-	4
GRAND TOTAL OR AVERAGE:																				
DELAWARE	-	-	-	1	1	1	-	1	-	2.41	2.41	-	2.41	-	169	169	40	82,905	1	1
ILLINOIS	-	-	-	1	1	1	-	1	-	4.58	4.58	-	4.58	-	27	27	28	43,680	1	1
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	9,080	1	-
SOUTH CAROLINA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	752	2	-
TEXAS	-	-	-	-	-	-	2	2	-	-	-	8.83	8.83	-	-	-	24	45,319	2	2
TOTAL OR AVERAGE	-	-	-	2	2	2	2	4	-	2.20	2.20	2.20	4.40	-	84	84	99	181,736	7	4
MERCURY:																				
SURFACE MINES:																				
OPEN PIT:																				
NEVADA	-	-	-	-	-	-	2	2	-	-	-	15.98	15.98	-	-	-	14	25,027	1	-
TOTAL OR AVERAGE	-	-	-	-	-	-	2	2	-	-	-	15.98	15.98	-	-	-	14	25,027	1	-
TOTAL OR AVERAGE, SURFACE:																				
NEVADA	-	-	-	-	-	-	2	2	-	-	-	15.98	15.98	-	-	-	14	25,027	1	-
TOTAL OR AVERAGE	-	-	-	-	-	-	2	2	-	-	-	15.98	15.98	-	-	-	14	25,027	1	-
TOTAL OR AVERAGE, MINING:																				
NEVADA	-	-	-	-	-	-	2	2	-	-	-	15.98	15.98	-	-	-	14	25,027	1	-
TOTAL OR AVERAGE	-	-	-	-	-	-	2	2	-	-	-	15.98	15.98	-	-	-	14	25,027	1	-

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TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL			TOTAL FATAL AND NFDL	MDL	TOTAL INJURIES													
		PERMANENT		TEMPORARY	TOTAL NFDL															
		TOTAL	PARTIAL																	
MERCURY-CONTINUED:																				
PROCESSING PLANTS:																				
NEVADA	-	-	-	2	2	2	1	3	-	7.39	7.39	3.70	11.09	-	89	89	31	54,123	-	1
TOTAL OR AVERAGE	-	-	-	2	2	2	1	3	-	7.39	7.39	3.70	11.09	-	89	89	31	54,123	-	1
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																				
NEVADA	-	-	-	2	2	2	3	5	-	5.05	5.05	7.58	12.63	-	61	61	45	79,150	1	1
TOTAL OR AVERAGE	-	-	-	2	2	2	3	5	-	5.05	5.05	7.58	12.63	-	61	61	45	79,150	1	1
OFFICE:																				
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	34,057	-	1
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	34,057	-	1
GRAND TOTAL OR AVERAGE:																				
NEVADA	-	-	-	2	2	2	3	5	-	3.53	3.53	5.30	8.83	-	42	42	65	113,207	1	2
TOTAL OR AVERAGE	-	-	-	2	2	2	3	5	-	3.53	3.53	5.30	8.83	-	42	42	65	113,207	1	2
MOLYBDENUM:																				
UNDERGROUND MINES:																				
UNDERGROUND:																				
COLORADO	1	-	-	1	1	2	2	4	.61	.61	1.22	1.22	2.45	3,668	20	3,688	160	327,176	2	-
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1,040	1	-
NEW MEXICO	1	-	2	64	66	67	42	109	.23	14.86	15.09	9.46	24.54	1,351	361	1,712	443	888,217	1	-
TOTAL OR AVERAGE	2	-	2	65	67	69	44	113	.33	11.02	11.34	7.23	18.58	1,973	269	2,242	605	1,216,433	4	
SURFACE AT UNDERGROUND:																				
COLORADO	-	-	-	1	1	1	1	2	-	2.33	2.33	2.33	4.67	-	5	5	51	85,708	-	2
NEW MEXICO	-	-	-	1	1	1	-	1	-	.59	.59	-	.59	-	1	1	165	338,280	-	1
TOTAL OR AVERAGE	-	-	-	2	2	2	1	3	-	.94	.94	.47	1.42	-	2	2	216	423,988	-	3
TOTAL OR AVERAGE, UG:																				
COLORADO	1	-	-	2	2	3	3	6	.48	.97	1.45	1.45	2.91	2,906	17	2,923	211	412,884	2	2
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1,040	1	-
NEW MEXICO	1	-	2	65	67	68	42	110	.16	10.93	11.09	6.85	17.94	978	262	1,240	608	1,226,497	1	1
TOTAL OR AVERAGE	2	-	2	67	69	71	45	116	.24	8.41	8.66	5.49	14.14	1,463	200	1,663	821	1,640,421	4	3

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TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL			TOTAL FATAL AND NFDL	MDL	TOTAL INJURIES													
		PERMANENT		TEMPORARY	TOTAL NFDL				FATAL	NFDL	ALL FATAL AND NFDL	MDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL				
		TOTAL	PARTIAL																	
MOLYBDENUM--CONTINUED:																				
SURFACE MINES:																				
OPEN PIT:																				
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	41,471	1	-
IDAHO	-	-	-	15	15	15	9	24	-	3.64	3.64	2.19	5.83	-	42	42	384	823,407	1	-
NEVADA	-	-	-	6	6	6	9	15	-	2.92	2.92	4.37	7.29	-	52	52	213	411,493	1	-
NEW MEXICO	-	-	-	2	2	2	-	2	-	6.09	6.09	-	6.09	-	18	18	32	65,655	1	-
TOTAL OR AVERAGE	-	-	-	23	23	23	18	41	-	3.43	3.43	2.68	6.11	-	43	43	649	1,342,026	4	-
TOTAL OR AVERAGE, SURFACE:																				
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	41,471	1	-
IDAHO	-	-	-	15	15	15	9	24	-	3.64	3.64	2.19	5.83	-	42	42	384	823,407	1	-
NEVADA	-	-	-	6	6	6	9	15	-	2.92	2.92	4.37	7.29	-	52	52	213	411,493	1	-
NEW MEXICO	-	-	-	2	2	2	-	2	-	6.09	6.09	-	6.09	-	18	18	32	65,655	1	-
TOTAL OR AVERAGE	-	-	-	23	23	23	18	41	-	3.43	3.43	2.68	6.11	-	43	43	649	1,342,026	4	-
TOTAL OR AVERAGE, MINING:																				
COLORADO	1	-	-	2	2	3	3	6	.44	.88	1.32	1.32	2.64	2,641	15	2,657	231	454,355	3	2
IDAHO	-	-	-	15	15	15	9	24	-	3.64	3.64	2.19	5.83	-	42	42	384	823,407	1	-
NEVADA	-	-	-	6	6	6	9	15	-	2.91	2.91	4.36	7.27	-	52	52	215	412,533	2	-
NEW MEXICO	1	-	2	67	69	70	42	112	.15	10.68	10.83	6.50	17.34	929	249	1,178	640	1,292,152	2	1
TOTAL OR AVERAGE	2	-	2	90	92	94	63	157	.13	6.17	6.30	4.22	10.53	805	129	934	1,470	2,982,447	8	3
PROCESSING PLANTS:																				
COLORADO	-	-	-	5	5	5	5	10	-	3.10	3.10	3.10	6.20	-	20	20	157	322,701	2	1
IDAHO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	102	112,799	-	1
NEVADA	-	-	1	1	2	2	5	7	-	2.23	2.23	5.57	7.79	-	71	71	91	179,644	-	1
NEW MEXICO	-	-	-	3	3	3	3	6	-	3.38	3.38	3.38	6.77	-	59	59	88	177,343	-	1
TOTAL OR AVERAGE	-	-	1	9	10	10	13	23	-	2.52	2.52	3.28	5.80	-	38	38	438	792,487	2	4
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																				
COLORADO	1	-	-	7	7	8	8	16	.26	1.80	2.06	2.06	4.12	1,544	18	1,562	388	777,056	5	3
IDAHO	-	-	-	15	15	15	9	24	-	3.20	3.20	1.92	5.13	-	37	37	486	936,206	1	1
NEVADA	-	-	1	7	8	8	14	22	-	2.70	2.70	4.73	7.43	-	58	58	306	592,177	2	1
NEW MEXICO	1	-	2	70	72	73	45	118	.14	9.80	9.94	6.12	16.06	817	226	1,043	728	1,469,495	2	2
TOTAL OR AVERAGE	2	-	3	99	102	104	76	180	.11	5.40	5.51	4.03	9.54	636	110	746	1,908	3,774,934	10	7

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TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL				
		PERMANENT		TEMPORARY																
		TOTAL	PARTIAL																	
MOLYBDENUM--CONTINUED:																				
OFFICE:																				
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	6,546	1	-
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	213	475,248	-	2
IDAHO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70	145,386	-	1
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	25,459	-	2
NEW MEXICO	-	-	-	1	1	1	1	2	-	1.72	1.72	1.72	3.43	-	218	218	58	116,534	-	2
TOTAL OR AVERAGE	-	-	-	1	1	1	1	2	-	.26	.26	.26	.52	-	33	33	359	769,173	1	7
GRAND TOTAL OR AVERAGE:																				
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	6,546	1	-
COLORADO	1	-	-	7	7	8	8	16	.16	1.12	1.28	1.28	2.56	956	11	969	601	1,252,304	5	5
IDAHO	-	-	-	15	15	15	9	24	-	2.77	2.77	1.66	4.44	-	32	32	556	1,081,592	1	2
NEVADA	-	-	1	7	8	8	14	22	-	2.59	2.59	4.53	7.12	-	56	56	319	617,636	2	3
NEW MEXICO	1	-	2	71	73	74	46	120	.13	9.21	9.33	5.80	15.13	757	226	982	786	1,586,029	2	4
TOTAL OR AVERAGE	2	-	3	100	103	105	77	182	.09	4.53	4.62	3.39	8.01	528	97	625	2,267	4,544,107	11	14
PLATINUM:																				
UNDERGROUND MINES:																				
SURFACE AT UNDERGROUND:																				
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1,566	1	-
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1,566	1	-
TOTAL OR AVERAGE, UG:																				
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1,566	1	-
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1,566	1	-
SURFACE MINES:																				
OPEN PIT:																				
ALASKA	-	-	-	1	1	1	-	1	-	22.15	22.15	-	22.15	-	89	89	13	9,031	1	-
TOTAL OR AVERAGE	-	-	-	1	1	1	-	1	-	22.15	22.15	-	22.15	-	89	89	13	9,031	1	-
TOTAL OR AVERAGE, SURFACE:																				
ALASKA	-	-	-	1	1	1	-	1	-	22.15	22.15	-	22.15	-	89	89	13	9,031	1	-
TOTAL OR AVERAGE	-	-	-	1	1	1	-	1	-	22.15	22.15	-	22.15	-	89	89	13	9,031	1	-
TOTAL OR AVERAGE, MINING:																				
ALASKA	-	-	-	1	1	1	-	1	-	22.15	22.15	-	22.15	-	89	89	13	9,031	1	-
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1,566	1	-
TOTAL OR AVERAGE	-	-	-	1	1	1	-	1	-	18.87	18.87	-	18.87	-	75	75	16	10,597	2	-

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TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES													
		PERMANENT		TEMPORARY	TOTAL NFDL				FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL				
		TOTAL	PARTIAL																	
PLATINUM--CONTINUED:																				
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																				
ALASKA	-	-	-	1	1	1	-	1	-	22.15	22.15	-	22.15	-	89	89	13	9,031	1	-
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1,566	1	-
TOTAL OR AVERAGE	-	-	-	1	1	1	-	1	-	18.87	18.87	-	18.87	-	75	75	16	10,597	2	-
OFFICE:																				
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	60	-	1
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	13,335	-	1
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	13,395	-	2
GRAND TOTAL OR AVERAGE:																				
ALASKA	-	-	-	1	1	1	-	1	-	22.00	22.00	-	22.00	-	88	88	14	9,091	1	1
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	14,901	1	1
TOTAL OR AVERAGE	-	-	-	1	1	1	-	1	-	8.34	8.34	-	8.34	-	33	33	24	23,992	2	2
RARE EARTHS:																				
SURFACE MINES:																				
OPEN PIT:																				
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	27,584	1	-
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4,599	1	-
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	32,183	2	-
TOTAL OR AVERAGE, SURFACE:																				
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	27,584	1	-
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4,599	1	-
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	32,183	2	-
TOTAL OR AVERAGE, MINING:																				
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	27,584	1	-
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4,599	1	-
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	32,183	2	-
PROCESSING PLANTS:																				
CALIFORNIA	-	-	-	6	6	6	2	8	-	4.51	4.51	1.50	6.01	-	174	174	129	266,162	-	1
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4,461	-	1
TOTAL OR AVERAGE	-	-	-	6	6	6	2	8	-	4.43	4.43	1.48	5.91	-	171	171	131	270,623	-	2

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TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES													
		PERMANENT		TEMPORARY	TOTAL NFDL				FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL				
		TOTAL	PARTIAL																	
RARE EARTHS--CONTINUED:																				
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																				
CALIFORNIA	-	-	-	6	6	6	2	8	-	4.09	4.09	1.36	5.45	-	157	157	142	293,746	1	1
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	9,060	1	1
TOTAL OR AVERAGE	-	-	-	6	6	6	2	8	-	3.96	3.96	1.32	5.28	-	153	153	146	302,806	2	2
OFFICE:																				
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29	60,064	-	1
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1,484	-	1
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	61,548	-	2
GRAND TOTAL OR AVERAGE:																				
CALIFORNIA	-	-	-	6	6	6	2	8	-	3.39	3.39	1.13	4.52	-	131	131	171	353,810	1	2
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	10,544	1	2
TOTAL OR AVERAGE	-	-	-	6	6	6	2	8	-	3.29	3.29	1.10	4.39	-	127	127	176	364,354	2	4
SILVER:																				
UNDERGROUND MINES:																				
UNDERGROUND:																				
ARIZONA	-	-	-	1	1	1	1	2	-	2.83	2.83	2.83	5.67	-	68	68	52	70,551	10	-
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3,185	2	-
COLORADO	-	-	-	3	3	3	7	10	-	2.41	2.41	5.63	8.05	-	39	39	163	248,574	18	-
IDAHO	1	-	3	63	66	67	65	132	.14	9.24	9.38	9.10	18.48	840	251	1,090	736	1,428,819	16	-
MONTANA	-	-	-	9	9	9	2	11	-	5.73	5.73	1.27	7.00	-	111	111	158	314,170	7	-
NEVADA	-	-	-	3	3	3	2	5	-	7.57	7.57	5.05	12.62	-	263	263	43	79,233	4	-
NEW MEXICO	1	-	-	1	1	2	-	2	2.65	2.65	5.29	-	5.29	15,885	79	15,964	50	75,545	7	-
UTAH	-	-	-	6	6	6	6	12	-	7.68	7.68	7.68	15.35	-	113	113	92	156,319	5	-
WASHINGTON	-	-	-	7	7	7	-	7	-	35.34	35.34	-	35.34	-	313	313	18	39,614	1	-
TOTAL OR AVERAGE	2	-	3	93	96	98	83	181	.17	7.95	8.11	6.87	14.98	993	192	1,185	1,315	2,416,008	70	-
SURFACE AT UNDERGROUND:																				
ARIZONA	-	-	-	1	1	1	-	1	-	6.17	6.17	-	6.17	-	31	31	28	32,425	1	7
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	886	-	1
COLORADO	-	-	-	1	1	1	-	1	-	6.54	6.54	-	6.54	-	20	20	23	30,560	1	11
IDAHO	-	-	-	3	3	3	4	7	-	1.77	1.77	2.36	4.13	-	12	12	173	339,354	1	9
MONTANA	-	-	-	1	1	1	-	1	-	1.06	1.06	-	1.06	-	16	16	99	188,987	1	5
NEVADA	-	-	-	-	-	-	1	1	-	-	-	6.17	6.17	-	-	-	16	32,411	-	3
NEW MEXICO	-	-	-	-	-	-	2	2	-	-	-	14.94	14.94	-	-	-	19	26,774	1	6
TEXAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	6,535	1	-
UTAH	-	-	-	1	1	1	1	2	-	5.98	5.98	5.98	11.96	-	233	233	23	33,440	-	4
WASHINGTON	-	-	-	2	2	2	-	2	-	28.26	28.26	-	28.26	-	155	155	8	14,156	-	1
TOTAL OR AVERAGE	-	-	-	9	9	9	8	17	-	2.55	2.55	2.27	4.82	-	27	27	395	705,528	6	47

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TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 198[illegible] (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES													
		PERMANENT		TEMPORARY	TOTAL NFDL				FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL				
		TOTAL	PARTIAL																	
SILVER-CONTINUED:																				
TOTAL OR AVERAGE, UG:																				
ARIZONA	-	-	-	2	2	2	1	3	-	3.88	3.88	1.94	5.83	-	56	56	80	102,976	11	7
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4,071	2	1
COLORADO	-	-	-	4	4	4	7	11	-	2.87	2.87	5.02	7.88	-	37	37	186	279,134	19	11
IDAHO	1	-	3	66	69	70	69	139	.11	7.80	7.92	7.80	15.72	679	205	884	909	1,768,173	17	9
MONTANA	-	-	-	10	10	10	2	12	-	3.97	3.97	.79	4.77	-	75	75	257	503,157	8	5
NEVADA	-	-	-	3	3	3	3	6	-	5.37	5.37	5.37	10.75	-	186	186	59	111,644	4	3
NEW MEXICO	1	-	-	1	1	2	2	4	1.95	1.95	3.91	3.91	7.82	11,728	59	11,787	69	102,317	8	6
TEXAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	6,535	1	-
UTAH	-	-	-	7	7	7	7	14	-	7.38	7.38	7.38	14.76	-	134	134	115	189,759	5	4
WASHINGTON	-	-	-	9	9	9	-	9	-	33.48	33.48	-	33.48	-	272	272	26	53,770	1	1
TOTAL OR AVERAGE	2	-	3	102	105	107	91	198	.13	6.73	6.86	5.83	12.69	769	155	924	1,710	3,121,536	76	47
SURFACE MINES:																				
OPEN PIT:																				
ARIZONA	-	-	-	2	2	2	2	4	-	7.63	7.63	7.63	15.27	-	27	27	42	52,401	7	-
CALIFORNIA	-	-	-	-	-	-	1	1	-	-	-	19.76	19.76	-	-	-	7	10,123	3	-
IDAHO	-	-	-	5	5	5	2	7	-	4.68	4.68	1.87	6.55	-	99	99	88	213,891	2	-
NEVADA	-	-	-	-	-	-	3	3	-	-	-	7.28	7.28	-	-	-	48	82,425	5	-
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	850	1	-
UTAH	-	-	-	2	2	2	6	8	-	1.01	1.01	3.04	4.06	-	24	24	189	394,309	2	-
TOTAL OR AVERAGE	-	-	-	9	9	9	14	23	-	2.39	2.39	3.71	6.10	-	42	42	379	753,999	20	-
TOTAL OR AVERAGE, SURFACE:																				
ARIZONA	-	-	-	2	2	2	2	4	-	7.63	7.63	7.63	15.27	-	27	27	42	52,401	7	-
CALIFORNIA	-	-	-	-	-	-	1	1	-	-	-	19.76	19.76	-	-	-	7	10,123	3	-
IDAHO	-	-	-	5	5	5	2	7	-	4.68	4.68	1.87	6.55	-	99	99	88	213,891	2	-
NEVADA	-	-	-	-	-	-	3	3	-	-	-	7.28	7.28	-	-	-	48	82,425	5	-
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	850	1	-
UTAH	-	-	-	2	2	2	6	8	-	1.01	1.01	3.04	4.06	-	24	24	189	394,309	2	-
TOTAL OR AVERAGE	-	-	-	9	9	9	14	23	-	2.39	2.39	3.71	6.10	-	42	42	379	753,999	20	-
TOTAL OR AVERAGE, MINING:																				
ARIZONA	-	-	-	4	4	4	3	7	-	5.15	5.15	3.86	9.01	-	46	46	122	155,377	18	7
CALIFORNIA	-	-	-	-	-	-	1	1	-	-	-	14.09	14.09	-	-	-	11	14,194	5	1
COLORADO	-	-	-	4	4	4	7	11	-	2.87	2.87	5.02	7.88	-	37	37	186	279,134	19	11
IDAHO	1	-	3	71	74	75	71	146	.10	7.47	7.57	7.16	14.73	605	193	799	997	1,982,064	19	9
MONTANA	-	-	-	10	10	10	2	12	-	3.97	3.97	.79	4.77	-	75	75	257	503,157	8	5
NEVADA	-	-	-	3	3	3	6	9	-	3.09	3.09	6.18	9.28	-	107	107	107	194,069	9	3
NEW MEXICO	1	-	-	1	1	2	2	4	1.95	1.95	3.91	3.91	7.82	11,728	59	11,787	69	102,317	8	6
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	850	1	-
TEXAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	6,535	1	-
UTAH	-	-	-	9	9	9	13	22	-	3.08	3.08	4.45	7.53	-	60	60	304	584,068	7	4
WASHINGTON	-	-	-	9	9	9	-	9	-	33.48	33.48	-	33.48	-	272	272	26	53,770	1	1
TOTAL OR AVERAGE	2	-	3	111	114	116	105	221	.10	5.88	5.99	5.42	11.40	619	133	752	2,089	3,875,535	96	47

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TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL				
		PERMANENT		TEMPORARY	TOTAL NFDL															
		TOTAL	PARTIAL																	
SILVER-CONTINUED:																				
PROCESSING PLANTS:																				
ARIZONA	-	-	-	13	13	13	7	20	-	16.36	16.36	8.81	25.16	-	131	131	91	158,969	5	4
COLORADO	-	-	-	1	1	1	-	1	-	3.19	3.19	-	3.19	-	22	22	39	62,703	3	3
IDAHO	-	-	-	6	6	6	2	8	-	4.04	4.04	1.35	5.39	-	236	236	148	297,118	-	6
MONTANA	-	-	-	4	4	4	2	6	-	4.07	4.07	2.04	6.11	-	32	32	94	196,443	1	1
NEVADA	-	-	-	8	8	8	10	18	-	4.72	4.72	5.90	10.62	-	150	150	158	338,824	4	5
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	48,119	1	-
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	96,452	1	1
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	16,339	-	1
TOTAL OR AVERAGE	-	-	-	32	32	32	21	53	-	5.27	5.27	3.46	8.72	-	123	123	612	1,214,967	15	21
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																				
ARIZONA	-	-	-	17	17	17	10	27	-	10.82	10.82	6.36	17.18	-	89	89	213	314,346	23	11
CALIFORNIA	-	-	-	-	-	-	1	1	-	-	-	14.09	14.09	-	-	-	11	14,194	5	1
COLORADO	-	-	-	5	5	5	7	12	-	2.93	2.93	4.10	7.02	-	34	34	225	341,837	22	14
IDAHO	1	-	3	77	80	81	73	154	.09	7.02	7.11	6.41	13.51	527	199	726	1,145	2,279,182	19	15
MONTANA	-	-	-	14	14	14	4	18	-	4.00	4.00	1.14	5.15	-	63	63	351	699,600	9	6
NEVADA	-	-	-	11	11	11	16	27	-	4.13	4.13	6.00	10.13	-	134	134	265	532,893	13	8
NEW MEXICO	1	-	-	1	1	2	2	4	1.33	1.33	2.66	2.66	5.32	7,977	40	8,017	92	150,436	9	6
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	850	1	-
TEXAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	6,535	1	-
UTAH	-	-	-	9	9	9	13	22	-	2.65	2.65	3.82	6.47	-	51	51	354	680,520	8	5
WASHINGTON	-	-	-	9	9	9	-	9	-	25.67	25.67	-	25.67	-	208	208	35	70,109	1	2
TOTAL OR AVERAGE	2	-	3	143	146	148	126	274	.08	5.74	5.81	4.95	10.77	471	130	602	2,701	5,090,502	111	68
OFFICE:																				
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	5,660	1	-
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	36,390	-	8
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	6,505	-	3
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42	42,650	1	13
IDAHO	-	-	-	2	2	2	-	2	-	1.72	1.72	-	1.72	-	40	40	117	232,133	-	9
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	47,109	1	5
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	61,582	-	10
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	11,441	-	3
TEXAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	4,749	-	1
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39	69,845	-	3
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4,200	-	1
TOTAL OR AVERAGE	-	-	-	2	2	2	-	2	-	.77	.77	-	.77	-	18	18	316	522,304	3	56

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TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL				
		PERMANENT		TEMPORARY	TOTAL NFDL															
		TOTAL	PARTIAL																	
SILVER--CONTINUED:																				
GRAND TOTAL OR AVERAGE:																				
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	5,660	1	-
ARIZONA	-	-	-	17	17	17	10	27	-	9.69	9.69	5.70	15.40	-	80	80	238	350,736	23	19
CALIFORNIA	-	-	-	-	-	-	1	1	-	-	-	9.66	9.66	-	-	-	16	20,699	5	4
COLORADO	-	-	-	5	5	5	7	12	-	2.60	2.60	3.64	6.24	-	30	30	267	384,527	23	27
IDAHO	1	-	3	79	82	83	73	156	.08	6.53	6.61	5.81	12.42	478	184	662	1,262	2,511,315	19	24
MONTANA	-	-	-	14	14	14	4	18	-	3.75	3.75	1.07	4.82	-	59	59	385	746,709	10	11
NEVADA	-	-	-	11	11	11	16	27	-	3.70	3.70	5.38	9.08	-	120	120	301	594,475	13	18
NEW MEXICO	1	-	-	1	1	2	2	4	1.24	1.24	2.47	2.47	4.94	7,413	37	7,450	99	161,877	9	9
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	850	1	-
TEXAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	11,284	1	1
UTAH	-	-	-	9	9	9	13	22	-	2.40	2.40	3.46	5.86	-	46	46	393	750,365	8	8
WASHINGTON	-	-	-	9	9	9	-	9	-	24.22	24.22	-	24.22	-	196	196	37	74,309	1	3
TOTAL OR AVERAGE	2	-	3	145	148	150	126	276	.07	5.27	5.34	4.49	9.83	428	120	548	3,017	5,612,806	114	124
TIN:																				
SURFACE MINES:																				
OPEN PIT:																				
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	11,400	1	-
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	11,400	1	-
TOTAL OR AVERAGE, SURFACE:																				
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	11,400	1	-
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	11,400	1	-
TOTAL OR AVERAGE, MINING:																				
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	11,400	1	-
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	11,400	1	-
PROCESSING PLANTS:																				
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	7,989	1	-
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	7,989	1	-
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																				
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	11,400	1	-
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	7,989	1	-
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	19,389	2	-

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TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL				
		PERMANENT		TEMPORARY	TOTAL NFDL															
		TOTAL	PARTIAL																	
TIN--CONTINUED:																				
OFFICE:																				
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1,247	-	1
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1,247	-	1
GRAND TOTAL OR AVERAGE:																				
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	11,400	1	-
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	9,236	1	1
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	20,636	2	1
TITANIUM:																				
SURFACE MINES:																				
DREDGE:																				
FLORIDA	-	-	-	7	7	7	4	11	-	4.11	4.11	2.35	6.46	-	70	70	176	340,742	2	-
TOTAL OR AVERAGE	-	-	-	7	7	7	4	11	-	4.11	4.11	2.35	6.46	-	70	70	176	340,742	2	-
TOTAL OR AVERAGE, SURFACE:																				
FLORIDA	-	-	-	7	7	7	4	11	-	4.11	4.11	2.35	6.46	-	70	70	176	340,742	2	-
TOTAL OR AVERAGE	-	-	-	7	7	7	4	11	-	4.11	4.11	2.35	6.46	-	70	70	176	340,742	2	-
TOTAL OR AVERAGE, MINING:																				
FLORIDA	-	-	-	7	7	7	4	11	-	4.11	4.11	2.35	6.46	-	70	70	176	340,742	2	-
TOTAL OR AVERAGE	-	-	-	7	7	7	4	11	-	4.11	4.11	2.35	6.46	-	70	70	176	340,742	2	-
PROCESSING PLANTS:																				
FLORIDA	-	-	-	5	5	5	1	6	-	6.38	6.38	1.28	7.66	-	70	70	80	156,623	-	2
NEW YORK	-	-	-	3	3	3	1	4	-	7.15	7.15	2.38	9.54	-	753	753	37	83,900	1	-
TOTAL OR AVERAGE	-	-	-	8	8	8	2	10	-	6.65	6.65	1.66	8.32	-	308	308	117	240,523	1	2
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																				
FLORIDA	-	-	-	12	12	12	5	17	-	4.83	4.83	2.01	6.84	-	70	70	256	497,365	2	2
NEW YORK	-	-	-	3	3	3	1	4	-	7.15	7.15	2.38	9.54	-	753	753	37	83,900	1	-
TOTAL OR AVERAGE	-	-	-	15	15	15	6	21	-	5.16	5.16	2.06	7.23	-	169	169	293	581,265	3	2

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TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL				
		PERMANENT		TEMPORARY	TOTAL NFDL															
		TOTAL	PARTIAL																	
TITANIUM--CONTINUED:																				
OFFICE:																				
FLORIDA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	80	160,769	-	2
NEW YORK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	39,516	-	1
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	200,285	-	3
GRAND TOTAL OR AVERAGE:																				
FLORIDA	-	-	-	12	12	12	5	17	-	3.65	3.65	1.52	5.17	-	53	53	336	658,134	2	4
NEW YORK	-	-	-	3	3	3	1	4	-	4.86	4.86	1.62	6.48	-	512	512	57	123,416	1	1
TOTAL OR AVERAGE	-	-	-	15	15	15	6	21	-	3.84	3.84	1.54	5.37	-	125	125	393	781,550	3	5
TUNGSTEN:																				
UNDERGROUND MINES:																				
UNDERGROUND:																				
CALIFORNIA	-	-	-	1	1	1	-	1	-	1.61	1.61	-	1.61	-	5	5	72	124,509	2	-
COLORADO	-	-	-	2	2	2	1	3	-	73.01	73.01	36.50	99.99	-	1,132	1,132	4	5,479	1	-
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	32,678	3	-
TOTAL OR AVERAGE	-	-	-	3	3	3	1	4	-	3.69	3.69	1.23	4.92	-	42	42	95	162,666	6	-
SURFACE AT UNDERGROUND:																				
CALIFORNIA	-	-	-	1	1	1	-	1	-	3.32	3.32	-	3.32	-	10	10	35	60,300	-	2
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1,366	-	1
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	9,333	-	2
TOTAL OR AVERAGE	-	-	-	1	1	1	-	1	-	2.82	2.82	-	2.82	-	8	8	41	70,999	-	5
TOTAL OR AVERAGE, UG:																				
CALIFORNIA	-	-	-	2	2	2	-	2	-	2.16	2.16	-	2.16	-	6	6	107	184,809	2	2
COLORADO	-	-	-	2	2	2	1	3	-	58.44	58.44	29.22	87.66	-	906	906	5	6,845	1	1
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	42,011	3	2
TOTAL OR AVERAGE	-	-	-	4	4	4	1	5	-	3.42	3.42	.86	4.28	-	32	32	136	233,665	6	5
TOTAL OR AVERAGE, MINING:																				
CALIFORNIA	-	-	-	2	2	2	-	2	-	2.16	2.16	-	2.16	-	6	6	107	184,809	2	2
COLORADO	-	-	-	2	2	2	1	3	-	58.44	58.44	29.22	87.66	-	906	906	5	6,845	1	1
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	42,011	3	2
TOTAL OR AVERAGE	-	-	-	4	4	4	1	5	-	3.42	3.42	.86	4.28	-	32	32	136	233,665	6	5

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TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES													
		PERMANENT		TEMPORARY	TOTAL NFDL															
		TOTAL	PARTIAL																	
TUNGSTEN--CONTINUED:																				
PROCESSING PLANTS:																				
CALIFORNIA	-	-	-	16	16	16	1	17	-	11.73	11.73	.73	12.46	-	309	309	133	272,899	1	1
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	5,896	1	-
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	528	-	1
TOTAL OR AVERAGE	-	-	-	16	16	16	1	17	-	11.46	11.46	.72	12.17	-	301	301	142	279,323	2	2
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																				
CALIFORNIA	-	-	-	18	18	18	1	19	-	7.87	7.87	.44	8.30	-	187	187	240	457,708	3	3
COLORADO	-	-	-	2	2	2	1	3	-	58.44	58.44	29.22	87.66	-	906	906	5	6,845	1	1
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	5,896	1	-
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	42,539	3	3
TOTAL OR AVERAGE	-	-	-	20	20	20	2	22	-	7.80	7.80	.78	8.58	-	179	179	278	512,988	8	7
OFFICE:																				
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52	98,853	-	3
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	20,514	1	2
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65	119,367	1	5
GRAND TOTAL OR AVERAGE:																				
CALIFORNIA	-	-	-	18	18	18	1	19	-	6.47	6.47	.36	6.83	-	153	153	292	556,561	3	6
COLORADO	-	-	-	2	2	2	1	3	-	58.44	58.44	29.22	87.66	-	906	906	5	6,845	1	1
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	5,896	1	-
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38	63,053	4	5
TOTAL OR AVERAGE	-	-	-	20	20	20	2	22	-	6.33	6.33	.63	6.96	-	145	145	343	632,355	9	12
URANIUM:																				
UNDERGROUND MINES:																				
UNDERGROUND:																				
ARIZONA	-	-	-	3	3	3	2	5	-	8.58	8.58	5.72	14.30	-	106	106	38	69,917	4	-
COLORADO	-	-	-	25	25	25	4	29	-	12.73	12.73	2.04	14.77	-	145	145	255	392,736	31	-
NEW MEXICO	-	-	1	22	23	23	42	65	-	4.87	4.87	8.89	13.76	-	141	141	680	944,515	17	-
UTAH	-	-	-	12	12	12	6	18	-	6.82	6.82	3.41	10.24	-	143	143	216	351,651	18	-
WYOMING	-	-	-	3	3	3	-	3	-	7.15	7.15	-	7.15	-	210	210	52	83,933	4	-
TOTAL OR AVERAGE	-	-	1	65	66	66	54	120	-	7.16	7.16	5.86	13.02	-	144	144	1,241	1,842,752	74	-

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TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES		FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL				
		PERMANENT		TEMPORARY	TOTAL NFDL															
		TOTAL	PARTIAL																	
URANIUM--CONTINUED:																				
SURFACE AT UNDERGROUND:																				
ARIZONA	-	-	-	-	-	-	1	1	-	-	-	4.38	4.38	-	-	-	23	45,651	-	3
COLORADO	-	-	-	3	3	3	-	3	-	7.20	7.20	-	7.20	-	24	24	63	83,342	2	19
NEW MEXICO	-	-	-	2	2	2	6	8	-	1.63	1.63	4.89	6.52	-	331	331	183	245,255	5	17
UTAH	-	-	-	1	1	1	3	4	-	1.54	1.54	4.63	6.17	-	2	2	82	129,618	2	12
WYOMING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	18,643	-	3
TOTAL OR AVERAGE	-	-	-	6	6	6	10	16	-	2.30	2.30	3.83	6.12	-	160	160	362	522,509	9	54
TOTAL OR AVERAGE, UG:																				
ARIZONA	-	-	-	3	3	3	3	6	-	5.19	5.19	5.19	10.38	-	64	64	61	115,568	4	3
COLORADO	-	-	-	28	28	28	4	32	-	11.76	11.76	1.68	13.44	-	124	124	318	476,078	33	19
NEW MEXICO	-	-	1	24	25	25	48	73	-	4.20	4.20	8.07	12.27	-	181	181	863	1,189,770	22	17
UTAH	-	-	-	13	13	13	9	22	-	5.40	5.40	3.74	9.14	-	105	105	298	481,269	20	12
WYOMING	-	-	-	3	3	3	-	3	-	5.85	5.85	-	5.85	-	172	172	63	102,576	4	3
TOTAL OR AVERAGE	-	-	1	71	72	72	64	136	-	6.09	6.09	5.41	11.50	-	148	148	1,603	2,365,261	83	54
SURFACE MINES:																				
OPEN PIT:																				
COLORADO	-	-	-	1	1	1	2	3	-	1.68	1.68	3.36	5.04	-	3	3	61	118,958	1	-
TEXAS	-	-	-	2	2	2	-	2	-	1.17	1.17	-	1.17	-	83	83	183	342,647	1	-
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	28,732	2	-
WYOMING	-	-	1	17	18	18	3	21	-	3.14	3.14	.52	3.67	-	111	111	607	1,145,885	10	-
TOTAL OR AVERAGE	-	-	1	20	21	21	5	26	-	2.57	2.57	.61	3.18	-	95	95	875	1,636,222	14	-
TOTAL OR AVERAGE, SURFACE:																				
COLORADO	-	-	-	1	1	1	2	3	-	1.68	1.68	3.36	5.04	-	3	3	61	118,958	1	-
TEXAS	-	-	-	2	2	2	-	2	-	1.17	1.17	-	1.17	-	83	83	183	342,647	1	-
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	28,732	2	-
WYOMING	-	-	1	17	18	18	3	21	-	3.14	3.14	.52	3.67	-	111	111	607	1,145,885	10	-
TOTAL OR AVERAGE	-	-	1	20	21	21	5	26	-	2.57	2.57	.61	3.18	-	95	95	875	1,636,222	14	-
TOTAL OR AVERAGE, MINING:																				
ARIZONA	-	-	-	3	3	3	3	6	-	5.19	5.19	5.19	10.38	-	64	64	61	115,568	4	3
COLORADO	-	-	-	29	29	29	6	35	-	9.75	9.75	2.02	11.76	-	100	100	379	595,036	34	19
NEW MEXICO	-	-	1	24	25	25	48	73	-	4.20	4.20	8.07	12.27	-	181	181	363	1,189,770	22	17
TEXAS	-	-	-	2	2	2	-	2	-	1.17	1.17	-	1.17	-	83	83	183	342,647	1	-
UTAH	-	-	-	13	13	13	9	22	-	5.40	5.40	3.74	9.14	-	105	105	298	481,269	20	12
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	28,732	2	-
WYOMING	-	-	1	20	21	21	3	24	-	3.36	3.36	.48	3.84	-	116	116	670	1,248,461	14	3
TOTAL OR AVERAGE	-	-	2	91	93	93	69	162	-	4.65	4.65	3.45	8.10	-	126	126	2,478	4,001,483	97	54

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL			TOTAL FATAL AND NDL	NDL	TOTAL INJURIES		FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL				
		PERMANENT		TEMPORARY	TOTAL NFDL															
		TOTAL	PARTIAL																	
URANIUM--CONTINUED:																				
INDEPENDENT SHOPS:																				
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1,008	1	-
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1,008	1	-
PROCESSING PLANTS:																				
COLORADO	-	-	-	3	3	3	4	7	-	1.42	1.42	1.89	3.31	-	51	51	208	422,350	3	1
NEW MEXICO	-	-	-	9	9	9	31	40	-	2.96	2.96	10.19	13.15	-	32	32	363	608,205	6	1
TEXAS	-	-	-	10	10	10	7	17	-	2.34	2.34	1.64	3.98	-	57	57	419	853,969	14	1
UTAH	-	-	-	-	-	-	3	3	-	-	-	1.64	1.64	-	-	-	192	366,749	5	-
WASHINGTON	-	-	-	1	1	1	-	1	-	2.02	2.02	-	2.02	-	83	83	46	99,229	-	1
WYOMING	-	-	1	7	8	8	4	12	-	2.16	2.16	1.08	3.23	-	58	58	412	742,051	10	4
TOTAL OR AVERAGE	-	-	1	30	31	31	49	80	-	2.00	2.00	3.17	5.17	-	46	46	1,640	3,092,553	38	8
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																				
ARIZONA	-	-	-	3	3	3	3	6	-	5.19	5.19	5.19	10.38	-	64	64	61	115,568	4	3
COLORADO	-	-	-	32	32	32	10	42	-	6.29	6.29	1.97	8.26	-	79	79	587	1,017,386	37	20
NEW MEXICO	-	-	1	33	34	34	79	113	-	3.78	3.78	8.78	12.56	-	130	130	1,229	1,798,983	29	18
TEXAS	-	-	-	12	12	12	7	19	-	2.01	2.01	1.17	3.18	-	64	64	602	1,196,616	15	1
UTAH	-	-	-	13	13	13	12	25	-	3.07	3.07	2.83	5.90	-	59	59	490	848,018	25	12
WASHINGTON	-	-	-	1	1	1	-	1	-	1.56	1.56	-	1.56	-	64	64	70	127,961	2	1
WYOMING	-	-	2	27	29	29	7	36	-	2.91	2.91	.70	3.62	-	94	94	1,082	1,990,512	24	7
TOTAL OR AVERAGE	-	-	3	121	124	124	118	242	-	3.50	3.50	3.33	6.82	-	91	91	4,121	7,095,044	136	62
OFFICE:																				
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44	87,012	-	5
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	166	277,732	2	11
TEXAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	117	222,156	-	13
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	106	221,787	-	8
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	22,431	-	2
WYOMING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	269	563,283	2	19
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	717	1,394,401	4	58
GRAND TOTAL OR AVERAGE:																				
ARIZONA	-	-	-	3	3	3	3	6	-	5.19	5.19	5.19	10.38	-	64	64	61	115,568	4	3
COLORADO	-	-	-	32	32	32	10	42	-	5.80	5.80	1.81	7.61	-	73	73	631	1,104,398	37	25
NEW MEXICO	-	-	1	33	34	34	79	113	-	3.27	3.27	7.61	10.88	-	113	113	1,395	2,076,715	31	29
TEXAS	-	-	-	12	12	12	7	19	-	1.69	1.69	.99	2.68	-	54	54	719	1,418,772	15	14
UTAH	-	-	-	13	13	13	12	25	-	2.43	2.43	2.24	4.67	-	47	47	596	1,069,805	25	20
WASHINGTON	-	-	-	1	1	1	-	1	-	1.33	1.33	-	1.33	-	55	55	85	150,392	2	3
WYOMING	-	-	2	27	29	29	7	36	-	2.27	2.27	.55	2.82	-	73	73	1,351	2,553,795	26	26
TOTAL OR AVERAGE	-	-	3	121	124	124	118	242	-	2.92	2.92	2.78	5.70	-	76	76	4,838	8,489,445	140	120

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TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL				
		PERMANENT		TEMPORARY																
		TOTAL	PARTIAL																	
VANADIUM:																				
SURFACE MINES:																				
OPEN PIT:																				
ARKANSAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1,337	1	-
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1,337	1	-
TOTAL OR AVERAGE, SURFACE:																				
ARKANSAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1,337	1	-
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1,337	1	-
TOTAL OR AVERAGE, MINING:																				
ARKANSAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1,337	1	-
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1,337	1	-
PROCESSING PLANTS:																				
ARKANSAS	-	-	-	1	1	1	-	1	-	7.03	7.03	-	7.03	-	127	127	16	28,432	-	1
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	29,211	1	-
TOTAL OR AVERAGE	-	-	-	1	1	1	-	1	-	3.47	3.47	-	3.47	-	62	62	31	57,643	1	1
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																				
ARKANSAS	-	-	-	1	1	1	-	1	-	6.72	6.72	-	6.72	-	121	121	17	29,769	1	1
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	29,211	1	-
TOTAL OR AVERAGE	-	-	-	1	1	1	-	1	-	3.39	3.39	-	3.39	-	61	61	32	58,980	2	1
OFFICE:																				
ARKANSAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	70,800	-	1
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	15,995	-	1
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38	86,795	-	2
GRAND TOTAL OR AVERAGE:																				
ARKANSAS	-	-	-	1	1	1	-	1	-	1.99	1.99	-	1.99	-	36	36	47	100,569	1	2
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	45,206	1	1
TOTAL OR AVERAGE	-	-	-	1	1	1	-	1	-	1.37	1.37	-	1.37	-	25	25	70	145,775	2	3

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TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL				
		PERMANENT		TEMPORARY																
		TOTAL	PARTIAL																	
OTHER METALS, NEC:																				
UNDERGROUND MINES:																				
UNDERGROUND:																				
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3,486	1	-
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3,486	1	-
SURFACE AT UNDERGROUND:																				
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3,978	-	1
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3,978	-	1
TOTAL OR AVERAGE, UG:																				
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	7,464	1	1
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	7,464	1	1
TOTAL OR AVERAGE, MINING:																				
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	7,464	1	1
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	7,464	1	1
PROCESSING PLANTS:																				
COLORADO	-	-	-	2	2	2	-	2	-	4.25	4.25	-	4.25	-	40	40	52	94,160	1	-
NEVADA	-	-	-	-	-	-	1	1	-	-	-	48.27	48.27	-	-	-	2	4,143	1	-
TOTAL OR AVERAGE	-	-	-	2	2	2	1	3	-	4.07	4.07	2.03	6.10	-	39	39	54	98,303	2	-
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																				
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	7,464	1	1
COLORADO	-	-	-	2	2	2	-	2	-	4.25	4.25	-	4.25	-	40	40	52	94,160	1	-
NEVADA	-	-	-	-	-	-	1	1	-	-	-	48.27	48.27	-	-	-	2	4,143	1	-
TOTAL OR AVERAGE	-	-	-	2	2	2	1	3	-	3.78	3.78	1.89	5.67	-	36	36	61	105,767	3	1
OFFICE:																				
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1,464	-	1
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	876	-	1
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2,340	-	2

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TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES													
		PERMANENT		TEMPORARY	TOTAL NFDL				FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL				
		TOTAL	PARTIAL																	
OTHER METALS, NEC--CONTINUED:																				
GRAND TOTAL OR AVERAGE:																				
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	8,928	1	2
COLORADO	-	-	-	2	2	2	-	2	-	4.25	4.25	-	4.25	-	40	40	52	94,160	1	-
NEVADA	-	-	-	-	-	-	1	1	-	-	-	39.85	39.85	-	-	-	3	5,019	1	1
TOTAL OR AVERAGE	-	-	-	2	2	2	1	3	-	3.70	3.70	1.85	5.55	-	35	35	63	108,107	3	3
ALL METALLIC MINERALS																				
UNDERGROUND MINES:																				
UNDERGROUND.																				
ALASKA	-	-	-	2	2	2	1	3	-	14.18	14.18	7.09	21.28	-	468	468	25	28,202	4	-
ARIZONA	-	-	3	72	75	75	80	155	-	6.16	6.16	6.57	12.72	-	282	282	1,521	2,436,341	27	-
CALIFORNIA	1	-	-	3	3	4	5	9	.89	2.67	3.56	4.45	8.02	5,345	49	5,394	215	224,494	44	-
COLORADO	1	-	-	76	76	77	35	112	.12	9.07	9.19	4.18	13.36	716	169	885	1,050	1,676,139	97	-
IDAHO	1	-	3	120	123	124	92	216	.11	13.04	13.15	9.75	22.90	636	417	1,053	982	1,886,593	31	-
MICHIGAN	-	-	-	2	2	2	-	2	-	5.39	5.39	-	5.39	-	119	119	45	74,144	2	-
MISSOURI	-	-	-	10	10	10	16	26	-	1.18	1.18	1.89	3.08	-	34	34	882	1,689,295	10	-
MONTANA	-	-	1	17	18	18	6	24	-	7.30	7.30	2.43	9.73	-	322	322	305	493,133	34	-
NEVADA	-	-	1	24	25	25	9	34	-	13.42	13.42	4.83	18.26	-	686	686	214	372,479	26	-
NEW JERSEY	-	-	-	7	7	7	5	12	-	20.17	20.17	14.41	34.58	-	746	746	38	69,403	1	-
NEW MEXICO	2	-	3	87	90	92	84	176	.21	9.30	9.51	8.68	18.20	1,241	238	1,478	1,196	1,934,446	31	-
NEW YORK	-	-	2	33	35	35	20	55	-	14.39	14.39	8.22	22.61	-	718	718	249	486,530	5	-
NORTH CAROLINA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1,386	1	-
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	10,688	6	-
PENNSYLVANIA	-	-	-	11	11	11	-	11	-	13.06	13.06	-	13.06	-	150	150	114	168,392	1	-
SOUTH DAKOTA	-	-	-	53	53	53	51	104	-	5.06	5.06	4.87	9.93	-	198	198	1,023	2,093,919	1	-
TENNESSEE	1	1	1	61	63	64	25	89	.11	7.01	7.12	2.78	9.91	668	823	1,491	904	1,796,907	10	-
UTAH	-	-	-	20	20	20	14	34	-	5.97	5.97	4.18	10.15	-	104	104	390	670,063	28	-
WASHINGTON	-	-	-	15	15	15	4	19	-	18.36	18.36	4.90	23.26	-	273	273	89	163,403	7	-
WYOMING	-	-	-	3	3	3	-	3	-	6.98	6.98	-	6.98	-	205	205	57	85,909	5	-
TOTAL OR AVERAGE	6	1	14	616	631	637	447	1,084	.07	7.71	7.79	5.46	13.25	440	316	756	9,322	16,361,866	371	-

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES													
		PERMANENT		TEMPORARY	TOTAL NFDL															
		TOTAL	PARTIAL						FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL				
ALL METALLIC--CONTINUED:																				
SURFACE AT UNDERGROUND:																				
ALASKA	-	-	-	1	1	1	-	1	-	8.40	8.40	-	8.40	-	42	42	13	23,820	-	2
ARIZONA	-	-	-	14	16	16	15	31	-	1.99	1.99	1.86	3.85	-	261	261	966	1,610,814	3	20
CALIFORNIA	-	-	2	2	2	2	2	4	-	2.44	2.44	2.44	4.87	-	11	11	141	164,258	5	31
COLORADO	-	-	-	13	13	13	7	20	-	5.91	5.91	3.18	9.09	-	79	79	302	439,921	7	67
IDAHO	-	-	-	5	5	5	5	10	-	2.10	2.10	2.10	4.20	-	12	12	247	475,786	5	15
MICHIGAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	99	140,166	-	2
MISSOURI	-	-	-	1	1	2	3	5	.38	.38	.76	1.15	1.91	2,295	6	2,301	327	522,968	1	10
MONTANA	1	-	-	2	2	2	2	4	-	1.55	1.55	1.55	3.11	-	19	19	154	257,540	4	16
NEVADA	-	-	-	2	2	2	5	7	-	5.84	5.84	4.38	10.21	-	26	26	92	137,102	2	20
NEW JERSEY	-	-	-	4	4	4	3	7	-	-	-	28.31	28.31	-	-	-	10	14,130	-	1
NEW MEXICO	-	-	-	-	-	-	2	2	-	-	-	-	-	-	125	125	409	655,408	8	28
NEW YORK	-	-	-	3	3	3	8	11	-	.92	.92	2.44	3.36	-	-	-	15	29,582	-	4
NORTH CAROLINA	-	-	-	-	-	-	1	1	-	-	-	6.76	6.76	-	-	-	4	1,731	-	1
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	7,504	1	5
PENNSYLVANIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	57,830	-	1
SOUTH DAKOTA	-	-	-	1	1	1	-	1	-	3.46	3.46	-	3.46	-	14	14	319	403,038	-	1
TENNESSEE	-	-	1	4	5	5	10	15	-	2.48	2.48	4.96	7.44	-	179	179	43	87,388	1	6
TEXAS	-	-	-	2	2	2	3	5	-	4.58	4.58	6.87	11.44	-	288	288	5	6,535	1	-
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	113	174,230	2	19
WASHINGTON	-	-	-	-	-	-	-	-	-	2.30	2.30	4.59	6.89	-	46	46	25	46,331	-	4
WYOMING	-	-	-	2	2	2	4	6	-	8.63	8.63	-	8.63	-	47	47	18	21,654	-	4
TOTAL OR AVERAGE	1	-	3	56	59	60	65	125	.04	2.24	2.27	2.46	4.74	227	126	354	3,348	5,277,736	40	257
TOTAL OR AVERAGE, UG:																				
ALASKA	-	-	-	3	3	3	1	4	-	11.53	11.53	3.84	15.38	-	273	273	38	52,022	4	2
ARIZONA	-	-	5	86	91	91	95	186	-	4.50	4.50	4.69	9.19	-	274	274	2,487	4,047,155	30	20
CALIFORNIA	1	-	-	5	5	6	7	13	.51	2.57	3.09	3.60	6.69	3,087	33	3,120	356	388,752	49	31
COLORADO	1	-	-	89	89	90	42	132	.09	8.41	8.51	3.97	12.48	567	150	717	1,352	2,116,060	104	67
IDAHO	1	-	-	89	89	90	42	132	.09	8.41	8.51	3.97	12.48	567	150	717	1,352	2,116,060	104	67
MICHIGAN	1	-	-	89	89	90	42	132	.08	10.84	10.92	8.21	19.13	508	336	844	1,229	2,362,379	36	15
MISSOURI	1	-	3	125	128	129	97	226	.08	10.84	10.92	8.21	19.13	508	336	844	1,229	2,362,379	36	15
MONTANA	1	-	-	2	2	2	-	2	-	1.87	1.87	-	1.87	-	41	41	144	214,310	2	2
NEVADA	1	-	-	11	11	12	19	31	.09	.99	1.08	1.72	2.80	542	27	570	1,209	2,212,263	11	10
NEW JERSEY	1	-	1	19	20	20	8	28	-	5.33	5.33	2.13	7.46	-	218	218	459	750,673	38	16
NEW MEXICO	-	-	1	28	29	29	12	41	-	11.38	11.38	4.71	16.09	-	508	508	306	509,581	28	20
NEW YORK	-	-	1	7	7	7	7	14	-	16.76	16.76	16.76	33.52	-	620	620	48	83,533	1	1
NORTH CAROLINA	-	-	-	28	29	29	12	41	-	11.38	11.38	4.71	16.09	-	508	508	306	509,581	28	20
OREGON	2	-	3	90	93	95	92	187	.15	7.18	7.34	7.10	14.44	927	209	1,136	1,605	2,589,854	39	28
PENNSYLVANIA	-	-	2	33	35	35	21	56	-	13.56	13.56	8.14	21.70	-	677	677	264	516,112	5	4
SOUTH DAKOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	3,117	1	1
TENNESSEE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	18,192	1	5
TEXAS	-	-	-	12	12	12	-	12	-	10.61	10.61	-	10.61	-	115	115	144	226,222	1	1
UTAH	-	-	-	57	58	58	61	119	-	4.65	4.65	4.89	9.53	-	195	195	1,342	2,496,957	1	1
WASHINGTON	-	-	1	63	65	66	28	94	.11	6.90	7.01	2.97	9.98	637	798	1,435	947	1,884,295	11	6
WYOMING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	6,535	1	-
TOTAL OR AVERAGE	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	503	844,293	30	19
				22	22	22	18	40	-	5.21	5.21	4.26	9.48	-	92	92	114	209,734	7	4
				17	17	17	4	21	-	16.21	16.21	3.81	20.03	-	223	223	75	107,563	5	4
				3	3	3	-	3	-	5.58	5.58	-	5.58	-	164	164				
	7	1	17	672	680	697	512	1,209	.06	6.38	6.44	4.73	11.17	388	270	658	12,670	21,639,602	411	257

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TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES													
		PERMANENT		TEMPORARY	TOTAL NFDL			FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL				
		TOTAL	PARTIAL																	
ALL METALLIC-CONTINUED:																				
SURFACE MINES:																				
OPEN PIT:																				
ALASKA	-	-	-	9	9	9	-	9	-	8.00	8.00	-	8.00	-	66	66	177	225,006	29	-
ARIZONA	-	-	3	82	85	85	68	153	-	3.06	3.06	2.45	5.51	-	74	74	2,607	5,549,316	43	-
ARKANSAS	-	-	-	-	-	-	1	1	-	-	-	1.17	1.17	-	-	-	88	170,810	6	-
CALIFORNIA	-	-	1	6	7	7	1	8	-	4.83	4.83	.69	5.52	-	106	106	160	289,625	23	-
COLORADO	-	-	-	4	4	4	2	6	-	4.29	4.29	2.14	6.43	-	34	34	113	186,519	11	-
GEORGIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	12,534	1	-
IDAHO	-	-	-	23	23	23	14	37	-	3.98	3.98	2.42	6.41	-	57	57	612	1,155,030	15	-
MICHIGAN	-	-	1	15	16	16	4	20	-	2.59	2.59	.65	3.24	-	60	60	664	1,236,156	4	-
MINNESOTA	1	-	1	73	74	75	21	96	.05	3.35	3.39	.95	4.34	272	127	399	2,371	4,419,089	13	-
MONTANA	-	-	-	5	5	5	1	6	-	2.38	2.38	.48	2.86	-	30	30	364	419,310	38	-
NEVADA	1	-	-	39	39	40	29	69	.07	2.56	2.62	1.90	4.52	393	39	432	1,589	3,052,172	56	-
NEW MEXICO	-	-	-	14	14	14	12	26	-	2.34	2.34	2.00	4.34	-	39	39	653	1,198,836	10	-
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	4,734	4	-
SOUTH CAROLINA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	2,117	4	-
SOUTH DAKOTA	-	-	-	4	4	4	-	4	-	6.07	6.07	-	6.07	-	18	18	64	131,737	2	-
TENNESSEE	-	-	-	1	1	1	-	1	-	2.78	2.78	-	2.78	-	103	103	32	71,918	1	-
TEXAS	-	-	-	2	2	2	-	2	-	.99	.99	-	.99	-	70	70	219	404,266	4	-
UTAH	1	-	1	11	12	13	41	54	.35	.64	.69	2.17	2.86	318	114	432	1,924	3,778,577	9	-
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36,494	5	-
WYOMING	-	-	1	20	21	21	5	26	-	3.24	3.24	.77	4.01	-	106	106	698	1,296,406	11	-
TOTAL OR AVERAGE	3	-	8	308	316	319	199	518	.03	2.67	2.70	1.68	4.38	152	82	235	12,396	23,640,652	289	-
DREDGE:																				
ALASKA	-	-	-	1	1	1	-	1	-	.99	.99	-	99	-	32	32	102	201,278	6	-
CALIFORNIA	-	-	-	8	8	8	2	10	-	11.42	11.42	2.86	14.28	-	124	124	63	140,098	1	-
FLORIDA	-	-	-	7	7	7	4	11	-	4.11	4.11	2.35	6.46	-	70	70	176	340,742	2	-
TOTAL OR AVERAGE	-	-	-	16	16	16	6	22	-	4.69	4.69	1.76	6.45	-	70	70	341	682,118	9	-

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TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES													
		PERMANENT		TEMPORARY	TOTAL NFDL															
		TOTAL	PARTIAL						FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL				
ALL METALLIC-CONTINUED:																				
TOTAL OR AVERAGE, SURFACE:																				
ALASKA	-	-	-	10	10	10	-	10	-	4.69	4.69	-	4.69	-	50	50	279	426,284	35	-
ARIZONA	-	-	3	82	85	85	68	153	-	3.06	3.06	2.45	5.51	-	74	74	2,607	5,549,316	43	-
ARKANSAS	-	-	-	-	-	-	1	1	-	-	-	1.17	1.17	-	-	-	88	170,810	6	-
CALIFORNIA	-	-	1	14	15	15	3	18	-	6.98	6.98	1.40	8.38	-	112	112	223	429,723	24	-
COLORADO	-	-	-	4	4	4	2	6	-	4.29	4.29	2.14	6.43	-	34	34	113	186,519	11	-
FLORIDA	-	-	-	7	7	7	4	11	-	4.11	4.11	2.35	6.46	-	70	70	176	340,742	2	-
GEORGIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	12,534	1	-
IDAHO	-	-	-	23	23	23	14	37	-	3.98	3.98	2.42	6.41	-	57	57	612	1,155,030	15	-
MICHIGAN	-	-	1	15	16	16	4	20	-	2.59	2.59	.65	3.24	-	60	60	664	1,236,156	4	-
MINNESOTA	1	-	1	73	74	75	21	96	.05	3.35	3.39	.95	4.34	272	127	399	2,371	4,419,089	13	-
MONTANA	-	-	-	5	5	5	1	6	-	2.38	2.38	.48	2.86	-	30	30	364	419,310	38	-
NEVADA	1	-	-	39	39	40	29	69	.07	2.56	2.62	1.90	4.52	393	39	432	1,589	3,052,172	56	-
NEW MEXICO	-	-	-	14	14	14	12	26	-	2.34	2.34	2.00	4.34	-	39	39	653	1,198,836	10	-
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	4,734	4	-
SOUTH CAROLINA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	2,117	4	-
SOUTH DAKOTA	-	-	-	4	4	4	-	4	-	6.07	6.07	-	6.07	-	18	18	64	131,737	2	-
TENNESSEE	-	-	-	1	1	1	-	1	-	2.78	2.78	-	2.78	-	103	103	32	71,918	1	-
TEXAS	-	-	-	2	2	2	-	2	-	.99	.99	-	.99	-	70	70	219	404,266	4	-
UTAH	1	-	1	11	12	13	41	54	.05	.64	.69	2.17	2.86	318	114	432	1,924	3,778,577	9	-
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	36,494	5	-
WYOMING	-	-	1	20	21	21	5	26	-	3.24	3.24	.77	4.01	-	106	106	698	1,296,406	11	-
TOTAL OR AVERAGE	3	-	8	324	332	335	205	540	.02	2.73	2.75	1.69	4.44	148	82	230	12,737	24,322,770	298	-

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TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES													
		PERMANENT		TEMPORARY	TOTAL NFDL															
		TOTAL	PARTIAL																	
ALL METALLIC-CONTINUED:																				
TOTAL OR AVERAGE, MINING:																				
ALASKA	-	-	-	13	13	13	1	14	-	5.44	5.44	.42	5.85	-	74	74	317	478,306	39	2
ARIZONA	-	-	8	168	176	176	163	339	-	3.67	3.67	3.40	7.07	-	158	158	5,094	9,596,471	73	20
ARKANSAS	-	-	-	-	-	-	1	1	-	-	-	1.17	1.17	-	-	-	88	170,810	6	-
CALIFORNIA	1	-	1	19	20	21	10	31	.24	4.89	5.13	2.44	7.58	1,466	74	1,540	579	818,475	73	31
COLORADO	1	-	-	93	93	94	44	138	.09	8.08	8.16	3.82	11.99	521	141	662	1,465	2,302,579	115	67
FLORIDA	-	-	-	7	7	7	4	11	-	4.11	4.11	2.35	6.46	-	70	70	176	340,742	2	-
GEORGIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	12,534	1	-
IDAHO	1	-	3	148	151	152	111	263	.06	8.59	8.64	6.31	14.95	341	244	585	1,841	3,517,409	51	15
MICHIGAN	-	-	1	17	18	18	4	22	-	2.48	2.48	.55	3.03	-	57	57	808	1,450,466	6	2
MINNESOTA	1	-	1	73	74	75	21	96	.05	3.35	3.39	.95	4.34	272	127	399	2,371	4,419,089	13	-
MISSOURI	1	-	-	11	11	12	19	31	.09	.99	1.08	1.72	2.80	542	27	570	1,209	2,212,263	11	10
MONTANA	-	-	1	24	25	25	9	34	-	4.27	4.27	1.54	5.81	-	151	151	823	1,169,983	76	16
NEVADA	1	-	1	67	68	69	41	110	.06	3.82	3.87	2.30	6.18	337	106	443	1,895	3,561,753	84	20
NEW JERSEY	-	-	-	7	7	7	7	14	-	16.76	16.76	16.76	33.52	-	620	620	48	83,533	1	1
NEW MEXICO	2	-	3	104	107	109	104	213	.11	5.65	5.75	5.49	11.24	633	155	789	2,258	3,788,690	49	28
NEW YORK	-	-	2	33	35	35	21	56	-	13.56	13.56	8.14	21.70	-	677	677	264	516,112	5	4
NORTH CAROLINA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	3,117	1	1
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47	22,926	11	5
PENNSYLVANIA	-	-	-	12	12	12	-	12	-	10.61	10.61	-	10.61	-	115	115	144	226,222	1	1
SOUTH CAROLINA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	2,117	4	-
SOUTH DAKOTA	-	-	1	61	62	62	61	123	-	4.72	4.72	4.64	9.36	-	186	186	1,406	2,628,694	3	1
TENNESSEE	1	1	1	64	66	67	28	95	.10	6.75	6.85	2.86	9.71	613	773	1,386	979	1,956,213	12	6
TEXAS	-	-	-	2	2	2	-	2	-	.97	.97	-	.97	-	69	69	224	410,801	5	-
UTAH	1	-	1	33	34	35	59	94	.04	1.47	1.51	2.55	4.07	260	110	370	2,427	4,622,870	39	19
WASHINGTON	-	-	-	17	17	17	4	21	-	13.81	13.81	3.25	17.06	-	190	190	148	246,228	12	4
WYOMING	-	-	1	23	24	24	5	29	-	3.42	3.42	.71	4.13	-	111	111	773	1,403,969	16	4
TOTAL OR AVERAGE	10	1	25	996	1,022	1,032	717	1,749	.04	4.45	4.49	3.12	7.61	261	170	431	25,407	45,962,372	709	257
INDEPENDENT SHOPS:																				
MICHIGAN	-	-	-	1	1	1	3	4	-	1.44	1.44	4.32	5.76	-	7	7	74	138,818	1	-
MINNESOTA	-	-	1	6	7	7	2	9	-	4.03	4.03	1.15	5.18	-	90	90	209	347,700	2	-
MISSOURI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	80	158,072	1	-
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1,008	1	-
TENNESSEE	-	-	-	4	4	4	1	5	-	.94	.94	.23	1.17	-	5	5	394	952,273	3	-
TOTAL OR AVERAGE	-	-	1	11	12	12	6	18	-	1.60	1.60	.80	2.40	-	25	25	760	1,497,871	8	-

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES													
		PERMANENT		TEMPORARY	TOTAL NFDL															
		TOTAL	PARTIAL																	
ALL METALLIC-CONTINUED: PROCESSING PLANTS:																				
ALABAMA	-	-	-	2	2	2	2	4	-	7.74	7.74	7.74	15.48	-	23	23	27	51,666	1	-
ALASKA	-	-	-	2	2	2	-	2	-	12.31	12.31	-	12.31	-	105	105	42	32,490	4	-
ARIZONA	-	-	1	85	86	86	82	168	-	3.27	3.27	3.12	6.39	-	89	89	2,745	5,259,940	21	15
ARKANSAS	-	-	-	27	27	27	37	64	-	2.38	2.38	3.26	5.64	-	181	181	1,353	2,270,065	5	2
CALIFORNIA	-	-	-	29	29	29	5	34	-	8.03	8.03	1.39	9.42	-	232	232	397	721,844	8	14
COLORADO	-	-	-	44	44	44	12	56	-	6.80	6.80	1.85	8.66	-	122	122	727	1,294,048	20	17
DELAWARE	-	-	-	1	1	1	-	1	-	2.70	2.70	-	2.70	-	189	189	36	74,148	1	-
FLORIDA	-	-	-	5	5	5	1	6	-	6.38	6.38	1.28	7.66	-	70	70	80	156,623	-	2
GEORGIA	-	-	-	-	-	-	1	1	-	-	-	3.43	3.43	-	-	-	30	58,291	3	-
IDAHO	-	-	-	8	8	8	2	10	-	3.11	3.11	.78	3.89	-	146	146	331	514,594	7	10
ILLINOIS	-	-	-	1	1	1	-	1	-	5.83	5.83	-	5.83	-	35	35	22	34,320	1	-
LOUISIANA	-	-	1	26	27	27	22	49	-	2.61	2.61	2.13	4.74	-	153	153	998	2,067,475	4	-
MICHIGAN	1	-	2	38	40	41	12	53	.10	3.96	4.06	1.19	5.25	594	81	676	1,070	2,018,909	1	2
MINNESOTA	1	-	1	82	83	84	41	125	.04	3.42	3.46	1.69	5.15	247	110	358	2,517	4,850,819	8	3
MISSOURI	-	-	-	9	9	9	7	16	-	3.19	3.19	2.48	5.67	-	92	92	285	564,486	-	7
MONTANA	-	-	-	15	15	15	4	19	-	3.18	3.18	.85	4.02	-	66	66	670	944,380	11	12
NEVADA	-	-	1	30	31	31	33	64	-	2.90	2.90	3.08	5.98	-	73	73	1,096	2,139,493	24	31
NEW JERSEY	-	-	-	-	-	-	3	3	-	-	-	30.46	30.46	-	-	-	11	19,695	-	1
NEW MEXICO	-	-	1	20	21	21	45	66	-	2.69	2.69	5.76	8.44	-	39	39	854	1,563,372	10	10
NEW YORK	-	-	-	6	6	6	4	10	-	3.82	3.82	2.55	6.37	-	210	210	155	313,903	1	1
NORTH CAROLINA	-	-	-	-	-	-	1	1	-	-	-	99.99	99.99	-	-	-	6	1,244	1	-
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	350	-	1
PENNSYLVANIA	-	-	-	5	5	5	-	5	-	13.59	13.59	-	13.59	-	201	201	48	73,602	1	1
SOUTH DAKOTA	-	-	-	1	1	1	-	1	-	1.05	1.05	-	1.05	-	9	9	115	190,379	2	1
TENNESSEE	-	-	-	6	6	6	12	18	-	1.27	1.27	2.53	3.80	-	26	26	444	947,231	8	1
TEXAS	1	-	-	19	19	20	26	46	.06	1.13	1.19	1.54	2.73	356	23	379	1,695	3,371,493	19	3
UTAH	1	-	2	20	22	23	63	86	.05	1.17	1.22	3.34	4.56	318	61	379	1,905	3,772,383	11	1
VIRGIN ISLANDS	-	-	-	12	12	12	8	20	-	2.37	2.37	1.58	3.94	-	92	92	475	1,014,647	1	-
VIRGINIA	-	-	-	1	1	1	-	1	-	5.69	5.69	-	5.69	-	279	279	21	35,124	1	-
WASHINGTON	-	-	-	1	1	1	1	2	-	1.27	1.27	1.27	2.54	-	52	52	80	157,280	1	5
WEST VIRGINIA	-	-	-	-	-	-	1	1	-	-	-	2.82	2.82	-	-	-	28	70,830	3	-
WISCONSIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	13,461	2	-
WYOMING	-	-	1	9	10	10	6	16	-	1.77	1.77	1.06	2.83	-	42	42	644	1,131,965	10	5
TOTAL OR AVERAGE	4	-	10	504	514	518	431	949	.02	2.88	2.90	2.41	5.31	134	91	225	18,916	35,730,550	190	145

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TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES		FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL				
		PERMANENT		TEMPORARY	TOTAL NFDL															
		TOTAL	PARTIAL																	
ALL METALLIC-CONTINUED: TOTAL OR AVERAGE, ALL MINES AND PLANTS:																				
ALABAMA	-	-	-	2	2	2	2	4	-	7.74	7.74	7.74	15.48	-	23	23	27	51,666	1	-
ALASKA	-	-	-	15	15	15	1	16	-	5.87	5.87	.39	6.26	-	76	76	359	510,796	43	2
ARIZONA	-	-	9	253	262	262	245	507	-	3.53	3.53	3.30	6.83	-	134	134	7,839	14,856,411	94	35
ARKANSAS	-	-	-	27	27	27	38	65	-	2.21	2.21	3.11	5.33	-	169	169	1,441	2,440,875	11	2
CALIFORNIA	1	-	1	48	49	50	15	55	.13	6.36	6.49	1.95	8.44	779	148	927	976	1,540,319	81	45
COLORADO	1	-	-	137	137	138	56	194	.06	7.62	7.67	3.11	10.79	334	134	468	2,192	3,596,627	135	84
DELAWARE	-	-	-	1	1	1	-	1	-	2.70	2.70	-	2.70	-	189	189	36	74,148	1	-
FLORIDA	-	-	-	12	12	12	5	17	-	4.83	4.83	2.01	6.84	-	70	70	256	497,365	2	2
GEORGIA	-	-	-	-	-	-	1	1	-	-	-	2.82	2.82	-	-	-	40	70,825	4	-
IDAHO	1	-	3	156	159	160	113	273	.05	7.89	7.94	5.61	13.54	298	232	529	2,172	4,032,003	58	25
ILLINOIS	-	-	-	1	1	1	-	1	-	5.83	5.83	-	5.83	-	35	35	22	34,320	1	-
LOUISIANA	-	-	1	26	27	27	22	49	-	2.61	2.61	2.13	4.74	-	153	153	998	2,067,475	4	-
MICHIGAN	1	-	3	56	59	60	19	79	.06	3.27	3.33	1.05	4.38	333	69	401	1,952	3,608,193	8	4
MINNESOTA	2	-	3	161	164	166	64	230	.04	3.41	3.45	1.33	4.78	250	117	367	5,097	9,617,608	23	3
MISSOURI	1	-	-	20	20	21	26	47	.07	1.36	1.43	1.77	3.20	409	38	447	1,574	2,934,821	12	17
MONTANA	-	-	1	39	40	40	13	53	-	3.78	3.78	1.23	5.01	-	113	113	1,493	2,114,363	87	28
NEVADA	1	-	2	97	99	100	74	174	.04	3.47	3.51	2.60	6.10	210	93	304	2,991	5,701,246	108	51
NEW JERSEY	-	-	-	7	7	7	10	17	-	13.56	13.56	19.37	32.94	-	502	502	59	103,228	1	2
NEW MEXICO	2	-	4	124	128	130	149	279	.07	4.78	4.86	5.57	10.42	448	121	570	3,115	5,353,070	60	38
NEW YORK	-	-	2	39	41	41	25	66	-	9.88	9.88	6.02	15.90	-	500	500	419	830,015	6	5
NORTH CAROLINA	-	-	-	-	-	-	1	1	-	-	-	45.86	45.86	-	-	-	13	4,361	2	1
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	23,276	11	6
PENNSYLVANIA	-	-	-	17	17	17	-	17	-	11.34	11.34	-	11.34	-	136	136	192	299,824	2	2
SOUTH CAROLINA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	2,117	4	-
SOUTH DAKOTA	-	-	1	62	63	63	61	124	-	4.47	4.47	4.33	8.80	-	174	174	1,521	2,819,073	5	2
TENNESSEE	1	1	1	74	76	77	41	118	.05	4.05	4.10	2.18	6.28	320	410	730	1,817	3,755,717	23	7
TEXAS	1	-	-	21	21	22	26	48	.05	1.11	1.16	1.37	2.54	317	28	345	1,919	3,782,294	24	3
UTAH	2	-	3	53	56	58	122	180	.05	1.33	1.38	2.91	4.29	286	88	374	4,332	8,395,253	50	20
VIRGIN ISLANDS	-	-	-	12	12	12	8	20	-	2.37	2.37	1.58	3.94	-	92	92	475	1,014,647	1	-
VIRGINIA	-	-	-	1	1	1	-	1	-	5.69	5.69	-	5.69	-	279	279	21	35,124	1	-
WASHINGTON	-	-	-	18	18	18	5	23	-	8.92	8.92	2.48	11.40	-	136	136	228	403,508	13	9
WEST VIRGINIA	-	-	-	-	-	-	1	1	-	-	-	2.82	2.82	-	-	-	28	70,830	3	-
WISCONSIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	13,461	2	-
WYOMING	-	-	2	32	34	34	11	45	-	2.68	2.68	.87	3.55	-	80	80	1,417	2,535,934	26	9
TOTAL OR AVERAGE	14	1	36	1,511	1,548	1,562	1,154	2,716	.03	3.72	3.76	2.77	6.53	202	133	335	45,083	83,190,793	907	402

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL				
		PERMANENT		TEMPORARY	TOTAL NFDL															
		TOTAL	PARTIAL																	
ALL METALLIC-CONTINUED:																				
OFFICE:																				
ALABAMA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	23,542	-	1
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	59	69,090	2	14
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,093	2,183,112	2	48
ARKANSAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	498	1,029,289	-	9
CALIFORNIA	-	-	-	1	1	1	1	2	-	.63	.63	.63	1.26	-	11	11	203	316,809	4	40
COLORADO	-	-	-	2	2	2	-	2	-	.51	.51	-	.51	-	4	4	417	781,141	5	54
DELAWARE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	8,757	-	1
FLORIDA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	80	160,769	-	2
GEORGIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	5,656	-	3
IDAHO	-	-	-	3	3	3	-	3	-	.96	.96	-	.96	-	16	16	338	624,086	-	29
ILLINOIS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	9,360	-	1
LOUISIANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	300	524,327	-	4
MICHIGAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	110	213,673	1	4
MINNESOTA	-	-	-	4	4	4	3	7	-	.50	.50	.37	.87	-	7	7	807	1,607,341	5	13
MISSOURI	-	-	-	-	-	-	1	1	-	-	-	.40	.40	-	-	-	264	498,693	1	10
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	184	309,054	3	28
NEVADA	-	-	-	-	-	-	1	1	-	-	-	.21	.21	-	-	-	558	963,534	4	64
NEW JERSEY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	12,359	-	1
NEW MEXICO	-	-	-	1	1	1	1	2	-	.28	.28	.28	.56	-	35	35	392	716,557	2	27
NEW YORK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52	96,365	-	2
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	9,128	-	5
PENNSYLVANIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28	21,968	-	2
SOUTH CAROLINA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	838	-	1
SOUTH DAKOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	81	315,326	-	3
TENNESSEE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	145	259,720	-	10
TEXAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	474	893,725	1	21
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	365	732,256	1	21
VIRGIN ISLANDS	-	-	-	-	-	-	1	1	-	-	-	1.50	1.50	-	-	-	62	133,485	-	1
VIRGINIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	1,673	-	1
WASHINGTON	-	-	-	1	1	1	-	1	-	2.40	2.40	-	2.40	-	429	429	45	83,441	-	7
WEST VIRGINIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	7,821	-	2
WISCONSIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	31,080	-	2
WYOMING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	305	638,434	2	21
TOTAL OR AVERAGE	-	-	-	12	12	12	8	20	-	.18	.18	.12	.30	-	7	7	6,946	13,282,409	33	452

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TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION
	FATAL	NFDL			TOTAL FATAL AND NFDL	MDL	TOTAL INJURIES		FATAL	NFDL	ALL FATAL AND NFDL	MDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL				
		PERMANENT		TEMPORARY	TOTAL NFDL															
		TOTAL	PARTIAL																	
ALL METALLIC-CONTINUED: GRAND TOTAL OR AVERAGE:																				
ALABAMA	-	-	-	2	2	2	2	4	-	5.32	5.32	5.32	10.64	-	16	16	40	75,208	1	1
ALASKA	-	-	-	15	15	15	1	16	-	5.17	5.17	.34	5.52	-	67	67	418	579,886	45	16
ARIZONA	-	-	9	253	262	262	245	507	-	3.08	3.08	2.88	5.95	-	117	117	8,932	17,039,523	96	83
ARKANSAS	-	-	-	27	27	27	38	65	-	1.56	1.56	2.19	3.75	-	119	119	1,939	3,470,164	11	11
CALIFORNIA	1	-	1	49	50	51	16	67	.11	5.38	5.49	1.72	7.22	646	125	771	1,179	1,857,128	85	85
COLORADO	1	-	-	139	139	140	56	196	.05	6.35	6.40	2.56	8.95	274	111	385	2,609	4,377,768	140	138
DELAWARE	-	-	-	1	1	1	-	1	-	2.41	2.41	-	2.41	-	169	169	40	82,905	1	1
FLORIDA	-	-	-	12	12	12	5	17	-	3.65	3.65	1.52	5.17	-	53	53	336	658,134	2	4
GEORGIA	-	-	-	-	-	-	1	1	-	-	-	2.62	2.62	-	-	-	44	76,481	4	3
IDAHO	1	-	3	159	162	163	113	276	.04	6.96	7.00	4.85	11.86	258	203	460	2,510	4,656,089	58	54
ILLINOIS	-	-	-	1	1	1	-	1	-	4.58	4.58	-	4.58	-	27	27	28	43,680	1	1
LOUISIANA	-	-	1	26	27	27	22	49	-	2.08	2.08	1.70	3.78	-	122	122	1,298	2,591,802	4	4
MICHIGAN	1	-	3	56	59	60	19	79	.05	3.09	3.14	.99	4.13	314	65	379	2,062	3,821,866	9	8
MINNESOTA	2	-	3	165	168	170	67	237	.04	2.99	3.03	1.19	4.22	214	101	315	5,904	11,224,949	28	16
MISSOURI	1	-	-	20	20	21	27	48	.06	1.16	1.22	1.57	2.80	349	33	382	1,838	3,433,514	13	27
MONTANA	-	-	1	39	40	40	13	53	-	3.30	3.30	1.07	4.37	-	98	98	1,677	2,423,417	90	56
NEVADA	1	-	2	97	99	100	75	175	.03	2.97	3.00	2.25	5.25	180	80	260	3,549	6,664,780	112	115
NEW JERSEY	-	-	-	7	7	7	10	17	-	12.11	12.11	17.30	29.42	-	448	448	66	115,587	1	3
NEW MEXICO	2	-	4	125	129	131	150	281	.07	4.25	4.32	4.94	9.26	395	111	506	3,507	6,069,627	62	65
NEW YORK	-	-	2	39	41	41	25	66	-	8.85	8.85	5.40	14.25	-	448	448	471	926,380	6	7
NORTH CAROLINA	-	-	-	-	-	-	1	1	-	-	-	45.86	45.86	-	-	-	13	4,361	2	1
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	58	32,404	11	11
PENNSYLVANIA	-	-	-	17	17	17	-	17	-	10.57	10.57	-	10.57	-	127	127	220	321,792	2	4
SOUTH CAROLINA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	2,955	4	1
SOUTH DAKOTA	-	-	1	62	63	63	61	124	-	4.02	4.02	3.89	7.91	-	156	156	1,602	3,134,399	5	5
TENNESSEE	1	1	1	74	76	77	41	118	.05	3.79	3.84	2.04	5.88	299	384	682	1,962	4,015,437	23	17
TEXAS	1	-	-	21	21	22	26	48	.04	.90	.94	1.11	2.05	257	23	279	2,393	4,676,019	25	24
UTAH	2	-	3	53	56	58	122	180	.04	1.23	1.27	2.67	3.94	263	81	344	4,697	9,127,509	51	41
VIRGIN ISLANDS	-	-	-	12	12	12	9	21	-	2.09	2.09	1.57	3.66	-	82	82	537	1,148,132	1	1
VIRGINIA	-	-	-	1	1	1	-	1	-	5.44	5.44	-	5.44	-	266	266	28	36,797	1	1
WASHINGTON	-	-	-	19	19	19	5	24	-	7.80	7.80	2.05	9.86	-	186	186	273	486,949	13	16
WEST VIRGINIA	-	-	-	-	-	-	1	1	-	-	-	2.54	2.54	-	-	-	32	78,651	3	2
WISCONSIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38	44,541	2	2
WYOMING	-	-	2	32	34	34	11	45	-	2.14	2.14	.69	2.84	-	64	64	1,722	3,174,368	28	30
TOTAL OR AVERAGE	14	1	36	1,523	1,560	1,574	1,162	2,736	.03	3.23	3.26	2.41	5.67	174	116	290	52,029	96,473,202	940	854

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TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
ALUMINUM ORE:																	
SURFACE MINES:																	
OPEN PIT:																	
ARKANSAS	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE, SURFACE:																	
ARKANSAS	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE, MINING:																	
ARKANSAS	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
PROCESSING PLANTS:																	
ALABAMA	-	-	-	2	2	2	2	4	-	-	-	6	6	6	-	3	3
ARKANSAS	-	-	-	26	26	26	37	63	-	-	-	2,041	2,041	2,041	-	78	78
GEORGIA	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
LOUISIANA	-	-	1	26	27	27	22	49	-	-	300	1,281	1,581	1,581	300	49	59
TEXAS	1	-	-	9	9	10	17	27	6,000	-	-	145	145	6,145	-	16	614
VIRGIN ISLANDS	-	-	-	12	12	12	8	20	-	-	-	468	468	468	-	39	39
TOTAL OR AVERAGE	1	-	1	75	76	77	87	164	6,000	-	300	3,941	4,241	10,241	300	53	133
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																	
ALABAMA	-	-	-	2	2	2	2	4	-	-	-	6	6	6	-	3	3
ARKANSAS	-	-	-	26	26	26	38	64	-	-	-	2,041	2,041	2,041	-	78	78
GEORGIA	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
LOUISIANA	-	-	1	26	27	27	22	49	-	-	300	1,281	1,581	1,581	300	49	59
TEXAS	1	-	-	9	9	10	17	27	6,000	-	-	145	145	6,145	-	16	614
VIRGIN ISLANDS	-	-	-	12	12	12	8	20	-	-	-	468	468	468	-	39	39
TOTAL OR AVERAGE	1	-	1	75	76	77	88	165	6,000	-	300	3,941	4,241	10,241	300	53	133
OFFICE:																	
VIRGIN ISLANDS	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-

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TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
ALUMINUM ORE-CONTINUED:																	
GRAND TOTAL OR AVERAGE:																	
ALABAMA	-	-	-	2	2	2	2	4	-	-	-	6	6	6	-	3	3
ARKANSAS	-	-	-	26	26	26	38	64	-	-	-	2,041	2,041	2,041	-	78	78
GEORGIA	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
LOUISIANA	-	-	1	26	27	27	22	49	-	-	300	1,281	1,581	1,581	300	49	59
TEXAS	1	-	-	9	9	10	17	27	6,000	-	-	145	145	6,145	-	16	614
VIRGIN ISLANDS	-	-	-	12	12	12	9	21	-	-	-	468	468	468	-	39	39
TOTAL OR AVERAGE	1	-	1	75	76	77	89	166	6,000	-	300	3,941	4,241	10,241	300	53	133
BERYL:																	
PROCESSING PLANTS:																	
UTAH	-	-	-	3	3	3	6	9	-	-	-	7	7	7	-	2	2
TOTAL OR AVERAGE	-	-	-	3	3	3	6	9	-	-	-	7	7	7	-	2	2
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																	
UTAH	-	-	-	3	3	3	6	9	-	-	-	7	7	7	-	2	2
TOTAL OR AVERAGE	-	-	-	3	3	3	6	9	-	-	-	7	7	7	-	2	2
GRAND TOTAL OR AVERAGE:																	
UTAH	-	-	-	3	3	3	6	9	-	-	-	7	7	7	-	2	2
TOTAL OR AVERAGE	-	-	-	3	3	3	6	9	-	-	-	7	7	7	-	2	2
COPPER:																	
UNDERGROUND MINES:																	
UNDERGROUND:																	
ARIZONA	-	-	3	68	71	71	77	148	-	-	-	1,390	1,982	3,372	3,372	463	29	47
MICHIGAN	-	-	-	2	2	2	-	2	-	-	-	-	44	44	44	-	22	22
TENNESSEE	-	-	-	10	10	10	2	12	-	-	-	-	94	94	94	-	9	9
UTAH	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	3	80	83	83	80	163	-	-	-	1,390	2,120	3,510	3,510	463	26	42
SURFACE AT UNDERGROUND:																	
ARIZONA	-	-	2	13	15	15	14	29	-	-	-	1,440	661	2,101	2,101	720	51	140
TOTAL OR AVERAGE	-	-	2	13	15	15	14	29	-	-	-	1,440	661	2,101	2,101	720	51	140

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TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
COPPER--CONTINUED:																	
TOTAL OR AVERAGE, UG:																	
ARIZONA	-	-	5	81	86	86	91	177	-	-	2,830	2,643	5,473	5,473	566	33	64
MICHIGAN	-	-	-	2	2	2	-	2	-	-	-	44	44	44	-	22	22
TENNESSEE	-	-	-	10	10	10	2	12	-	-	-	94	94	94	-	9	9
UTAH	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	5	93	98	98	94	192	-	-	2,830	2,781	5,611	5,611	566	30	57
SURFACE MINES:																	
OPEN PIT:																	
ARIZONA	-	-	1	72	73	73	65	138	-	-	440	1,437	1,877	1,877	440	20	26
MONTANA	-	-	-	3	3	3	1	4	-	-	-	11	11	11	-	4	4
NEW MEXICO	-	-	-	10	10	10	12	22	-	-	-	188	188	188	-	19	19
TENNESSEE	-	-	-	1	1	1	-	1	-	-	-	37	37	37	-	37	37
UTAH	1	-	1	9	10	11	33	44	6,000	-	1,500	614	2,114	8,114	1,500	68	738
TOTAL OR AVERAGE	1	-	2	95	97	98	111	209	6,000	-	1,940	2,287	4,227	10,227	970	24	104
TOTAL OR AVERAGE, SURFACE:																	
ARIZONA	-	-	1	72	73	73	65	138	-	-	440	1,437	1,877	1,877	440	20	26
MONTANA	-	-	-	3	3	3	1	4	-	-	-	11	11	11	-	4	4
NEW MEXICO	-	-	-	10	10	10	12	22	-	-	-	188	188	188	-	19	19
TENNESSEE	-	-	-	1	1	1	-	1	-	-	-	37	37	37	-	37	37
UTAH	1	-	1	9	10	11	33	44	6,000	-	1,500	614	2,114	8,114	1,500	68	738
TOTAL OR AVERAGE	1	-	2	95	97	98	111	209	6,000	-	1,940	2,287	4,227	10,227	970	24	104
TOTAL OR AVERAGE, MINING:																	
ARIZONA	-	-	6	153	159	159	156	315	-	-	3,270	4,080	7,350	7,350	545	27	46
MICHIGAN	-	-	-	2	2	2	-	2	-	-	-	44	44	44	-	22	22
MONTANA	-	-	-	3	3	3	1	4	-	-	-	11	11	11	-	4	4
NEW MEXICO	-	-	-	10	10	10	12	22	-	-	-	188	188	188	-	19	19
TENNESSEE	-	-	-	11	11	11	2	13	-	-	-	131	131	131	-	12	12
UTAH	1	-	1	9	10	11	34	45	6,000	-	1,500	614	2,114	8,114	1,500	68	738
TOTAL OR AVERAGE	1	-	7	188	195	196	205	401	6,000	-	4,770	5,068	9,838	15,838	681	27	81
INDEPENDENT SHOPS:																	
TENNESSEE	-	-	-	2	2	2	1	3	-	-	-	13	13	13	-	6	6
TOTAL OR AVERAGE	-	-	-	2	2	2	1	3	-	-	-	13	13	13	-	6	6

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TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES		FATAL	NFDL			TOTAL FATAL AND NFDL		PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
COPPER-CONTINUED:																	
PROCESSING PLANTS:																	
ARIZONA	-	-	1	72	73	73	75	148	-	-	50	2,198	2,248	2,248	50	31	31
MICHIGAN	-	-	-	2	2	2	-	2	-	-	-	37	37	37	-	18	18
MONTANA	-	-	-	4	4	4	1	5	-	-	-	121	121	121	-	30	30
NEW MEXICO	-	-	-	6	6	6	9	15	-	-	-	67	67	67	-	11	11
TENNESSEE	-	-	-	1	1	1	5	6	-	-	-	10	10	10	-	10	10
UTAH	1	-	2	17	19	20	54	74	6,000	-	100	1,049	1,149	7,149	50	62	357
TOTAL OR AVERAGE	1	-	3	102	105	106	144	250	6,000	-	150	3,482	3,632	9,632	50	34	91
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																	
ARIZONA	-	-	7	225	232	232	231	463	-	-	3,320	6,278	9,598	9,598	474	28	41
MICHIGAN	-	-	-	4	4	4	-	4	-	-	-	81	81	81	-	20	20
MONTANA	-	-	-	7	7	7	2	9	-	-	-	132	132	132	-	19	19
NEW MEXICO	-	-	-	16	16	16	21	37	-	-	-	255	255	255	-	16	16
TENNESSEE	-	-	-	14	14	14	8	22	-	-	-	154	154	154	-	11	11
UTAH	2	-	3	26	29	31	88	119	12,000	-	1,600	1,663	3,263	15,263	533	64	492
TOTAL OR AVERAGE	2	-	10	292	302	304	350	654	12,000	-	4,920	8,563	13,483	25,483	492	29	84
GRAND TOTAL OR AVERAGE:																	
ARIZONA	-	-	7	225	232	232	231	463	-	-	3,320	6,278	9,598	9,598	474	28	41
MICHIGAN	-	-	-	4	4	4	-	4	-	-	-	81	81	81	-	20	20
MONTANA	-	-	-	7	7	7	2	9	-	-	-	132	132	132	-	19	19
NEW MEXICO	-	-	-	16	16	16	21	37	-	-	-	255	255	255	-	16	16
TENNESSEE	-	-	-	14	14	14	8	22	-	-	-	154	154	154	-	11	11
UTAH	2	-	3	26	29	31	88	119	12,000	-	1,600	1,663	3,263	15,263	533	64	492
TOTAL OR AVERAGE	2	-	10	292	302	304	350	654	12,000	-	4,920	8,563	13,483	25,483	492	29	84
GOLD:																	
UNDERGROUND MINES:																	
UNDERGROUND:																	
ALASKA	-	-	-	2	2	2	1	3	-	-	-	66	66	66	-	33	33
CALIFORNIA	1	-	-	2	2	3	5	8	6,000	-	-	52	52	6,052	-	26	2,017
COLORADO	-	-	-	14	14	14	8	22	-	-	-	169	169	169	-	12	12
IDAHO	-	-	-	1	1	1	-	1	-	-	-	34	34	34	-	34	34
MONTANA	-	-	1	8	9	9	4	13	-	-	300	320	620	620	300	40	69
NEVADA	-	-	1	21	22	22	7	29	-	-	600	573	1,173	1,173	600	27	53
SOUTH DAKOTA	-	-	-	53	53	53	51	104	-	-	-	2,070	2,070	2,070	-	39	39
WASHINGTON	-	-	-	8	8	8	4	12	-	-	-	161	161	161	-	20	20
TOTAL OR AVERAGE	1	-	2	109	111	112	80	192	6,000	-	900	3,445	4,345	10,345	450	32	92

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY						PERMANENT		TEMPORARY					
		TOTAL	PARTIAL							TOTAL	PARTIAL						
GOLD-CONTINUED:																	
SURFACE AT UNDERGROUND:																	
ALASKA	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
CALIFORNIA	-	-	-	1	1	1	2	3	-	-	-	6	6	6	-	6	6
COLORADO	-	-	-	6	6	6	4	10	-	-	-	101	101	101	-	17	17
MONTANA	-	-	-	1	1	1	2	3	-	-	-	9	9	9	-	9	9
NEVADA	-	-	-	4	4	4	2	6	-	-	-	18	18	18	-	4	4
SOUTH DAKOTA	-	-	1	4	5	5	10	15	-	-	300	61	361	361	300	15	72
TOTAL OR AVERAGE	-	-	1	17	18	18	20	38	-	-	300	200	500	500	300	12	28
TOTAL OR AVERAGE, UG:																	
ALASKA	-	-	-	3	3	3	1	4	-	-	-	71	71	71	-	24	24
CALIFORNIA	1	-	-	3	3	4	7	11	6,000	-	-	58	58	6,058	-	19	1,514
COLORADO	-	-	-	20	20	20	12	32	-	-	-	270	270	270	-	14	14
IDAHO	-	-	-	1	1	1	-	1	-	-	-	34	34	34	-	34	34
MONTANA	-	-	1	9	10	10	6	16	-	-	300	329	629	629	300	37	63
NEVADA	-	-	1	25	26	26	9	35	-	-	600	591	1,191	1,191	600	24	46
SOUTH DAKOTA	-	-	1	57	58	58	61	119	-	-	300	2,131	2,431	2,431	300	37	42
WASHINGTON	-	-	-	8	8	8	4	12	-	-	-	161	161	161	-	20	20
TOTAL OR AVERAGE	1	-	3	126	129	130	100	230	6,000	-	1,200	3,645	4,845	10,845	400	29	83
SURFACE MINES:																	
OPEN PIT:																	
ALASKA	-	-	-	8	8	8	-	8	-	-	-	70	70	70	-	9	9
ARIZONA	-	-	2	8	10	10	1	11	-	-	100	61	161	161	50	8	16
CALIFORNIA	-	-	-	6	6	6	-	6	-	-	-	103	103	103	-	17	17
COLORADO	-	-	-	3	3	3	-	3	-	-	-	30	30	30	-	10	10
IDAHO	-	-	-	3	3	3	3	6	-	-	-	52	52	52	-	17	17
MONTANA	-	-	-	2	2	2	-	2	-	-	-	52	52	52	-	26	26
NEVADA	1	-	-	33	33	34	15	49	6,000	-	-	480	480	6,480	-	15	191
NEW MEXICO	-	-	-	2	2	2	-	2	-	-	-	39	39	39	-	20	20
SOUTH DAKOTA	-	-	-	4	4	4	-	4	-	-	-	12	12	12	-	3	3
UTAH	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	1	-	2	69	71	72	21	93	6,000	-	100	899	999	6,999	50	13	97
DREDGE:																	
ALASKA	-	-	-	1	1	1	-	1	-	-	-	32	32	32	-	32	32
CALIFORNIA	-	-	-	8	8	8	2	10	-	-	-	87	87	87	-	11	11
TOTAL OR AVERAGE	-	-	-	9	9	9	2	11	-	-	-	119	119	119	-	13	13

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TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
GOLD--CONTINUED:																	
TOTAL OR AVERAGE, SURFACE:																	
ALASKA	-	-	-	9	9	9	-	9	-	-	-	102	102	102	-	11	11
ARIZONA	-	-	2	8	10	10	1	11	-	-	100	61	161	161	50	8	16
CALIFORNIA	-	-	-	14	14	14	2	16	-	-	-	190	190	190	-	14	14
COLORADO	-	-	-	3	3	3	-	3	-	-	-	30	30	30	-	10	10
IDAHO	-	-	-	3	3	3	3	6	-	-	-	52	52	52	-	17	17
MONTANA	-	-	-	2	2	2	-	2	-	-	-	52	52	52	-	26	26
NEVADA	1	-	-	33	33	34	15	49	6,000	-	-	480	480	6,480	-	15	191
NEW MEXICO	-	-	-	2	2	2	-	2	-	-	-	39	39	39	-	20	20
SOUTH DAKOTA	-	-	-	4	4	4	-	4	-	-	-	12	12	12	-	3	3
UTAH	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	1	-	2	78	80	81	23	104	6,000	-	100	1,018	1,118	7,118	50	13	88
TOTAL OR AVERAGE, MINING:																	
ALASKA	-	-	-	12	12	12	1	13	-	-	-	173	173	173	-	14	14
ARIZONA	-	-	2	8	10	10	1	11	-	-	100	61	161	161	50	8	16
CALIFORNIA	1	-	-	17	17	18	9	27	6,000	-	-	248	248	6,248	-	15	347
COLORADO	-	-	-	23	23	23	12	35	-	-	-	300	300	300	-	13	13
IDAHO	-	-	-	4	4	4	3	7	-	-	-	86	86	86	-	22	22
MONTANA	-	-	1	11	12	12	6	18	-	-	300	381	681	681	300	35	57
NEVADA	1	-	1	58	59	60	24	84	6,000	-	600	1,071	1,671	7,671	600	18	128
NEW MEXICO	-	-	-	2	2	2	-	2	-	-	-	39	39	39	-	20	20
SOUTH DAKOTA	-	-	1	61	62	62	61	123	-	-	300	2,143	2,443	2,443	300	35	39
UTAH	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
WASHINGTON	-	-	-	8	8	8	4	12	-	-	-	161	161	161	-	20	20
TOTAL OR AVERAGE	2	-	5	204	209	211	123	334	12,000	-	1,300	4,663	5,963	17,963	260	23	85
PROCESSING PLANTS:																	
ALASKA	-	-	-	2	2	2	-	2	-	-	-	17	17	17	-	8	8
CALIFORNIA	-	-	-	6	6	6	2	8	-	-	-	171	171	171	-	28	28
COLORADO	-	-	-	31	31	31	3	34	-	-	-	589	589	589	-	19	19
IDAHO	-	-	-	2	2	2	-	2	-	-	-	24	24	24	-	12	12
MONTANA	-	-	-	7	7	7	1	8	-	-	-	160	160	160	-	23	23
NEVADA	-	-	-	19	19	19	16	35	-	-	-	435	435	435	-	23	23
NEW MEXICO	-	-	1	2	3	3	2	5	-	-	50	37	87	87	50	18	29
SOUTH DAKOTA	-	-	-	1	1	1	-	1	-	-	-	9	9	9	-	9	9
WASHINGTON	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	1	70	71	71	25	96	-	-	50	1,442	1,492	1,492	50	21	21

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
GOLD--CONTINUED:																	
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																	
ALASKA	-	-	-	14	14	14	1	15	-	-	-	190	190	190	-	14	14
ARIZONA	-	-	2	8	10	10	1	11	-	-	100	61	161	161	50	8	16
CALIFORNIA	1	-	-	23	23	24	11	35	6,000	-	-	419	419	6,419	-	18	267
COLORADO	-	-	-	54	54	54	15	69	-	-	-	889	889	889	-	16	16
IDAHO	-	-	-	6	6	6	3	9	-	-	-	110	110	110	-	18	18
MONTANA	-	-	1	18	19	19	7	26	-	-	300	541	841	841	300	30	44
NEVADA	1	-	1	77	78	79	40	119	6,000	-	600	1,506	2,106	8,106	600	20	103
NEW MEXICO	-	-	1	4	5	5	2	7	-	-	50	76	126	126	50	19	25
SOUTH DAKOTA	-	-	1	62	63	63	61	124	-	-	300	2,152	2,452	2,452	300	35	39
UTAH	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
WASHINGTON	-	-	-	8	8	8	5	13	-	-	-	161	161	161	-	20	20
TOTAL OR AVERAGE	2	-	6	274	280	282	148	430	12,000	-	1,350	6,105	7,455	19,455	225	22	69
OFFICE:																	
CALIFORNIA	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
COLORADO	-	-	-	1	1	1	-	1	-	-	-	11	11	11	-	11	11
NEVADA	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
WASHINGTON	-	-	-	1	1	1	-	1	-	-	-	179	179	179	-	179	179
TOTAL OR AVERAGE	-	-	-	2	2	2	2	4	-	-	-	190	190	190	-	95	95
GRAND TOTAL OR AVERAGE:																	
ALASKA	-	-	-	14	14	14	1	15	-	-	-	190	190	190	-	14	14
ARIZONA	-	-	2	8	10	10	1	11	-	-	100	61	161	161	50	8	16
CALIFORNIA	1	-	-	23	23	24	12	36	6,000	-	-	419	419	6,419	-	18	267
COLORADO	-	-	-	55	55	55	15	70	-	-	-	900	900	900	-	16	16
IDAHO	-	-	-	6	6	6	3	9	-	-	-	110	110	110	-	18	18
MONTANA	-	-	1	18	19	19	7	26	-	-	300	541	841	841	300	30	44
NEVADA	1	-	1	77	78	79	41	120	6,000	-	600	1,506	2,106	8,106	600	20	103
NEW MEXICO	-	-	1	4	5	5	2	7	-	-	50	76	126	126	50	19	25
SOUTH DAKOTA	-	-	1	62	63	63	61	124	-	-	300	2,152	2,452	2,452	300	35	39
UTAH	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
WASHINGTON	-	-	-	9	9	9	5	14	-	-	-	340	340	340	-	38	38
TOTAL OR AVERAGE	2	-	6	276	282	284	150	434	12,000	-	1,350	6,295	7,645	19,645	225	23	69
IRON:																	
UNDERGROUND MINES:																	
UNDERGROUND:																	
MISSOURI	-	-	-	3	3	3	4	7	-	-	-	151	151	151	-	50	50
TOTAL OR AVERAGE	-	-	-	3	3	3	4	7	-	-	-	151	151	151	-	50	50

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TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
IRON--CONTINUED:																	
SURFACE AT UNDERGROUND:																	
MISSOURI	-	-	-	1	1	1	2	3	-	-	-	16	16	16	-	16	16
TOTAL OR AVERAGE	-	-	-	1	1	1	2	3	-	-	-	16	16	16	-	16	16
TOTAL OR AVERAGE, UG:																	
MISSOURI	-	-	-	4	4	4	6	10	-	-	-	167	167	167	-	42	42
TOTAL OR AVERAGE	-	-	-	4	4	4	6	10	-	-	-	167	167	167	-	42	42
SURFACE MINES:																	
OPEN PIT:																	
CALIFORNIA	-	-	1	-	1	1	-	1	-	-	50	-	50	50	50	-	50
MICHIGAN	-	-	1	15	16	16	4	20	-	-	100	268	368	368	100	18	23
MINNESOTA	1	-	1	73	74	75	21	96	6,000	-	300	2,506	2,806	8,806	300	34	117
WYOMING	-	-	-	3	3	3	2	5	-	-	-	56	56	56	-	19	19
TOTAL OR AVERAGE	1	-	3	91	94	95	27	122	6,000	-	450	2,830	3,280	9,280	150	31	98
TOTAL OR AVERAGE, SURFACE:																	
CALIFORNIA	-	-	1	-	1	1	-	1	-	-	50	-	50	50	50	-	50
MICHIGAN	-	-	1	15	16	16	4	20	-	-	100	268	368	368	100	18	23
MINNESOTA	1	-	1	73	74	75	21	96	6,000	-	300	2,506	2,806	8,806	300	34	117
WYOMING	-	-	-	3	3	3	2	5	-	-	-	56	56	56	-	19	19
TOTAL OR AVERAGE	1	-	3	91	94	95	27	122	6,000	-	450	2,830	3,280	9,280	150	31	98
TOTAL OR AVERAGE, MINING:																	
CALIFORNIA	-	-	1	-	1	1	-	1	-	-	50	-	50	50	50	-	50
MICHIGAN	-	-	1	15	16	16	4	20	-	-	100	268	368	368	100	18	23
MINNESOTA	1	-	1	73	74	75	21	96	6,000	-	300	2,506	2,806	8,806	300	34	117
MISSOURI	-	-	-	4	4	4	6	10	-	-	-	167	167	167	-	42	42
WYOMING	-	-	-	3	3	3	2	5	-	-	-	56	56	56	-	19	19
TOTAL OR AVERAGE	1	-	3	95	98	99	33	132	6,000	-	450	2,997	3,447	9,447	150	32	95
INDEPENDENT SHOPS:																	
MICHIGAN	-	-	-	1	1	1	3	4	-	-	-	5	5	5	-	5	5
MINNESOTA	-	-	1	6	7	7	2	9	-	-	50	107	157	157	50	18	22
TENNESSEE	-	-	-	2	2	2	-	2	-	-	-	10	10	10	-	5	5
TOTAL OR AVERAGE	-	-	1	9	10	10	5	15	-	-	50	122	172	172	50	14	17

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
IRON-CONTINUED:																	
PROCESSING PLANTS:																	
CALIFORNIA	-	-	-	1	1	1	-	1	-	-	-	15	15	15	-	15	15
MICHIGAN	1	-	2	36	38	39	12	51	6,000	-	100	685	785	6,785	50	19	174
MINNESOTA	1	-	1	82	83	84	41	125	6,000	-	75	2,601	2,676	8,676	75	32	103
MISSOURI	-	-	-	4	4	4	3	7	-	-	-	69	69	69	-	17	17
NORTH CAROLINA	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
VIRGINIA	-	-	-	1	1	1	-	1	-	-	-	49	49	49	-	49	49
WEST VIRGINIA	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
WYOMING	-	-	-	2	2	2	2	4	-	-	-	20	20	20	-	10	10
TOTAL OR AVERAGE	2	-	3	126	129	131	60	191	12,000	-	175	3,439	3,614	15,614	58	27	119
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																	
CALIFORNIA	-	-	1	1	2	2	-	2	-	-	50	15	65	65	50	15	32
MICHIGAN	1	-	3	52	55	56	19	75	6,000	-	200	958	1,158	7,158	67	18	128
MINNESOTA	2	-	3	161	164	166	64	230	12,000	-	425	5,214	5,639	17,639	142	32	106
MISSOURI	-	-	-	8	8	8	9	17	-	-	-	236	236	236	-	30	30
NORTH CAROLINA	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TENNESSEE	-	-	-	2	2	2	-	2	-	-	-	10	10	10	-	5	5
VIRGINIA	-	-	-	1	1	1	-	1	-	-	-	49	49	49	-	49	49
WEST VIRGINIA	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
WYOMING	-	-	-	5	5	5	4	9	-	-	-	76	76	76	-	15	15
TOTAL OR AVERAGE	3	-	7	230	237	240	98	338	18,000	-	675	6,558	7,233	25,233	96	29	105
OFFICE:																	
CALIFORNIA	-	-	-	1	1	1	-	1	-	-	-	18	18	18	-	18	18
MINNESOTA	-	-	-	4	4	4	3	7	-	-	-	55	55	55	-	14	14
TOTAL OR AVERAGE	-	-	-	5	5	5	3	8	-	-	-	73	73	73	-	15	15
GRAND TOTAL OR AVERAGE:																	
CALIFORNIA	-	-	1	2	3	3	-	3	-	-	50	33	83	83	50	16	28
MICHIGAN	1	-	3	52	55	56	19	75	6,000	-	200	958	1,158	7,158	67	18	128
MINNESOTA	2	-	3	165	168	170	67	237	12,000	-	425	5,269	5,694	17,694	142	32	104
MISSOURI	-	-	-	8	8	8	9	17	-	-	-	236	236	236	-	30	30
NORTH CAROLINA	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TENNESSEE	-	-	-	2	2	2	-	2	-	-	-	10	10	10	-	5	5
VIRGINIA	-	-	-	1	1	1	-	1	-	-	-	49	49	49	-	49	49
WEST VIRGINIA	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
WYOMING	-	-	-	5	5	5	4	9	-	-	-	76	76	76	-	15	15
TOTAL OR AVERAGE	3	-	7	235	242	245	101	346	18,000	-	675	6,631	7,306	25,306	96	28	103

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TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREEE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY						PERMANENT		TEMPORARY					
		TOTAL	PARTIAL							TOTAL	PARTIAL						
LEAD-ZINC:																	
UNDERGROUND MINES:																	
UNDERGROUND:																	
COLORADO	-	-	-	31	31	31	13	44	-	-	-	848	848	848	-	27	27
IDAHO	-	-	-	56	56	56	27	83	-	-	-	2,111	2,111	2,111	-	38	38
MISSOURI	-	-	-	7	7	7	12	19	-	-	-	134	134	134	-	19	19
NEW JERSEY	-	-	-	7	7	7	5	12	-	-	-	259	259	259	-	37	37
NEW YORK	-	-	2	33	35	35	20	55	-	-	250	1,497	1,747	1,747	125	45	50
PENNSYLVANIA	-	-	-	11	11	11	-	11	-	-	-	126	126	126	-	11	11
TENNESSEE	1	1	1	51	53	54	23	77	6,000	6,000	400	900	7,300	13,300	400	18	246
UTAH	-	-	-	2	2	2	1	3	-	-	-	8	8	8	-	4	4
TOTAL OR AVERAGE	1	1	3	198	202	203	101	304	6,000	6,000	650	5,883	12,533	18,533	217	30	91
SURFACE AT UNDERGROUND:																	
COLORADO	-	-	-	2	2	2	2	4	-	-	-	58	58	58	-	29	29
IDAHO	-	-	-	2	2	2	1	3	-	-	-	8	8	8	-	4	4
MISSOURI	1	-	-	-	-	1	1	2	6,000	-	-	-	-	6,000	-	-	6,000
NEW JERSEY	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
NEW YORK	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
PENNSYLVANIA	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
TENNESSEE	-	-	-	2	2	2	3	5	-	-	-	126	126	126	-	63	63
TOTAL OR AVERAGE	1	-	-	7	7	8	10	18	6,000	-	-	196	196	6,196	-	28	774
TOTAL OR AVERAGE, UG:																	
COLORADO	-	-	-	33	33	33	15	48	-	-	-	906	906	906	-	27	27
IDAHO	-	-	-	58	58	58	28	86	-	-	-	2,119	2,119	2,119	-	37	37
MISSOURI	1	-	-	7	7	8	13	21	6,000	-	-	134	134	6,134	-	19	767
NEW JERSEY	-	-	-	7	7	7	7	14	-	-	-	259	259	259	-	37	37
NEW YORK	-	-	2	33	35	35	21	56	-	-	250	1,497	1,747	1,747	125	45	50
PENNSYLVANIA	-	-	-	12	12	12	-	12	-	-	-	130	130	130	-	11	11
TENNESSEE	1	1	1	53	55	56	26	82	6,000	6,000	400	1,026	7,426	13,426	400	19	240
UTAH	-	-	-	2	2	2	1	3	-	-	-	8	8	8	-	4	4
TOTAL OR AVERAGE	2	1	3	205	209	211	111	322	12,000	6,000	650	6,079	12,729	24,729	217	30	117
TOTAL OR AVERAGE, MINING:																	
COLORADO	-	-	-	33	33	33	15	48	-	-	-	906	906	906	-	27	27
IDAHO	-	-	-	58	58	58	28	86	-	-	-	2,119	2,119	2,119	-	37	37
MISSOURI	1	-	-	7	7	8	13	21	6,000	-	-	134	134	6,134	-	19	767
NEW JERSEY	-	-	-	7	7	7	7	14	-	-	-	259	259	259	-	37	37
NEW YORK	-	-	2	33	35	35	21	56	-	-	250	1,497	1,747	1,747	125	45	50
PENNSYLVANIA	-	-	-	12	12	12	-	12	-	-	-	130	130	130	-	11	11
TENNESSEE	1	1	1	53	55	56	26	82	6,000	6,000	400	1,026	7,426	13,426	400	19	240
UTAH	-	-	-	2	2	2	1	3	-	-	-	8	8	8	-	4	4
TOTAL OR AVERAGE	2	1	3	205	209	211	111	322	12,000	6,000	650	6,079	12,729	24,729	217	30	117

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TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREEE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
LEAD-ZINC--CONTINUED:																	
PROCESSING PLANTS:																	
COLORADO	-	-	-	2	2	2	-	2	-	-	-	36	36	36	-	18	18
MISSOURI	-	-	-	5	5	5	4	9	-	-	-	192	192	192	-	38	38
NEW JERSEY	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
NEW YORK	-	-	-	3	3	3	3	6	-	-	-	14	14	14	-	5	5
PENNSYLVANIA	-	-	-	5	5	5	-	5	-	-	-	74	74	74	-	15	15
TENNESSEE	-	-	-	5	5	5	7	12	-	-	-	111	111	111	-	22	22
TOTAL OR AVERAGE	-	-	-	20	20	20	17	37	-	-	-	427	427	427	-	21	21
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																	
COLORADO	-	-	-	35	35	35	15	50	-	-	-	942	942	942	-	27	27
IDAHO	-	-	-	58	58	58	28	86	-	-	-	2,119	2,119	2,119	-	37	37
MISSOURI	1	-	-	12	12	13	17	30	6,000	-	-	326	326	6,326	-	27	487
NEW JERSEY	-	-	-	7	7	7	10	17	-	-	-	259	259	259	-	37	37
NEW YORK	-	-	2	36	38	38	24	62	-	-	250	1,511	1,761	1,761	125	42	46
PENNSYLVANIA	-	-	-	17	17	17	-	17	-	-	-	204	204	204	-	12	12
TENNESSEE	1	1	1	58	60	61	33	94	6,000	6,000	400	1,137	7,537	13,537	400	20	222
UTAH	-	-	-	2	2	2	1	3	-	-	-	8	8	8	-	4	4
TOTAL OR AVERAGE	2	1	3	225	229	231	128	359	12,000	6,000	650	6,506	13,156	25,156	217	29	109
OFFICE:																	
COLORADO	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
IDAHO	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
MISSOURI	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	2	2	2	1	3	-	-	-	7	7	7	-	4	4
GRAND TOTAL OR AVERAGE:																	
COLORADO	-	-	-	36	36	36	15	51	-	-	-	945	945	945	-	26	26
IDAHO	-	-	-	59	59	59	28	87	-	-	-	2,123	2,123	2,123	-	36	36
MISSOURI	1	-	-	12	12	13	18	31	6,000	-	-	326	326	6,326	-	27	487
NEW JERSEY	-	-	-	7	7	7	10	17	-	-	-	259	259	259	-	37	37
NEW YORK	-	-	2	36	38	38	24	62	-	-	250	1,511	1,761	1,761	125	42	46
PENNSYLVANIA	-	-	-	17	17	17	-	17	-	-	-	204	204	204	-	12	12
TENNESSEE	1	1	1	58	60	61	33	94	6,000	6,000	400	1,137	7,537	13,537	400	20	222
UTAH	-	-	-	2	2	2	1	3	-	-	-	8	8	8	-	4	4
TOTAL OR AVERAGE	2	1	3	227	231	233	129	362	12,000	6,000	650	6,513	13,163	25,163	217	29	108

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TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
MANGANESE:																	
PROCESSING PLANTS:																	
DELAWARE	-	-	-	1	1	1	-	1	-	-	-	70	70	70	-	70	70
ILLINOIS	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
TEXAS	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	2	2	2	2	4	-	-	-	76	76	76	-	38	38
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																	
DELAWARE	-	-	-	1	1	1	-	1	-	-	-	70	70	70	-	70	70
ILLINOIS	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
TEXAS	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	2	2	2	2	4	-	-	-	76	76	76	-	38	38
GRAND TOTAL OR AVERAGE:																	
DELAWARE	-	-	-	1	1	1	-	1	-	-	-	70	70	70	-	70	70
ILLINOIS	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
TEXAS	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	2	2	2	2	4	-	-	-	76	76	76	-	38	38
MERCURY:																	
SURFACE MINES:																	
OPEN PIT:																	
NEVADA	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE, SURFACE:																	
NEVADA	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE, MINING:																	
NEVADA	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
PROCESSING PLANTS:																	
NEVADA	-	-	-	2	2	2	1	3	-	-	-	24	24	24	--	12	12
TOTAL OR AVERAGE	-	-	-	2	2	2	1	3	-	-	-	24	24	24	-	12	12

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
MERCURY-CONTINUED:																	
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																	
NEVADA	-	-	-	2	2	2	3	5	-	-	-	24	24	24	-	12	12
TOTAL OR AVERAGE	-	-	-	2	2	2	3	5	-	-	-	24	24	24	-	12	12
GRAND TOTAL OR AVERAGE:																	
NEVADA	-	-	-	2	2	2	3	5	-	-	-	24	24	24	-	12	12
TOTAL OR AVERAGE	-	-	-	2	2	2	3	5	-	-	-	24	24	24	-	12	12
MOLYBDENUM:																	
UNDERGROUND MINES:																	
UNDERGROUND:																	
COLORADO	1	-	-	1	1	2	2	4	6,000	-	-	33	33	6,033	-	33	3,016
NEW MEXICO	1	-	2	64	66	67	42	109	6,000	-	100	1,502	1,602	7,602	50	23	113
TOTAL OR AVERAGE	2	-	2	65	67	69	44	113	12,000	-	100	1,535	1,635	13,635	50	24	198
SURFACE AT UNDERGROUND:																	
COLORADO	-	-	-	1	1	1	1	2	-	-	-	2	2	2	-	2	2
NEW MEXICO	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
TOTAL OR AVERAGE	-	-	-	2	2	2	1	3	-	-	-	4	4	4	-	2	2
TOTAL OR AVERAGE, UG:																	
COLORADO	1	-	-	2	2	3	3	6	6,000	-	-	35	35	6,035	-	18	2,012
NEW MEXICO	1	-	2	65	67	68	42	110	6,000	-	100	1,504	1,604	7,604	50	23	112
TOTAL OR AVERAGE	2	-	2	67	69	71	45	116	12,000	-	100	1,539	1,639	13,639	50	23	192
SURFACE MINES:																	
OPEN PIT:																	
IDAHO	-	-	-	15	15	15	9	24	-	-	-	173	173	173	-	12	12
NEVADA	-	-	-	6	6	6	9	15	-	-	-	108	108	108	-	18	18
NEW MEXICO	-	-	-	2	2	2	-	2	-	-	-	6	6	6	-	3	3
TOTAL OR AVERAGE	-	-	-	23	23	23	18	41	-	-	-	287	287	287	-	12	12
TOTAL OR AVERAGE, SURFACE:																	
IDAHO	-	-	-	15	15	15	9	24	-	-	-	173	173	173	-	12	12
NEVADA	-	-	-	6	6	6	9	15	-	-	-	108	108	108	-	18	18
NEW MEXICO	-	-	-	2	2	2	-	2	-	-	-	6	6	6	-	3	3
TOTAL OR AVERAGE	-	-	-	23	23	23	18	41	-	-	-	287	287	287	-	12	12

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TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL				PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL						TOTAL	PARTIAL						
MOLYBDENUM--CONTINUED:																
TOTAL OR AVERAGE, MINING:																
COLORADO	1	-	-	2	2	3	3	6	6,000	-	-	35	35	6,035	-	18	2,012
IDAHO	-	-	-	15	15	15	9	24	-	-	-	173	173	173	-	12	12
NEVADA	-	-	-	6	6	6	9	15	-	-	-	108	108	108	-	18	18
NEW MEXICO	1	-	2	67	69	70	42	112	6,000	-	100	1,510	1,610	7,610	50	23	109
TOTAL OR AVERAGE	2	-	2	90	92	94	63	157	12,000	-	100	1,826	1,926	13,926	50	20	148
PROCESSING PLANTS:																
COLORADO	-	-	-	5	5	5	5	10	-	-	-	33	33	33	-	7	7
NEVADA	-	-	1	1	2	2	5	7	-	-	50	14	64	64	50	14	32
NEW MEXICO	-	-	-	3	3	3	3	6	-	-	-	52	52	52	-	17	17
TOTAL OR AVERAGE	-	-	1	9	10	10	13	23	-	-	50	99	149	149	50	11	15
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																
COLORADO	1	-	-	7	7	8	8	16	6,000	-	-	58	68	6,068	-	10	758
IDAHO	-	-	1	15	15	15	9	24	-	-	-	173	173	173	-	12	12
NEVADA	-	-	2	7	8	8	14	22	-	-	50	122	172	172	50	17	22
NEW MEXICO	1	-	-	70	72	73	45	118	6,000	-	100	1,562	1,662	7,662	50	22	105
TOTAL OR AVERAGE	2	-	3	99	102	104	76	180	12,000	-	150	1,925	2,075	14,075	50	19	135
OFFICE:																
NEW MEXICO	-	-	-	1	1	1	1	2	-	-	-	127	127	127	-	127	127
TOTAL OR AVERAGE	-	-	-	1	1	1	1	2	-	-	-	127	127	127	-	127	127
GRAND TOTAL OR AVERAGE:																
COLORADO	1	-	-	7	7	8	8	16	6,000	-	-	68	68	6,068	-	10	758
IDAHO	-	-	1	15	15	15	9	24	-	-	-	173	173	173	-	12	12
NEVADA	-	-	2	7	8	8	14	22	-	-	50	122	172	172	50	17	22
NEW MEXICO	1	-	-	71	73	74	46	120	6,000	-	100	1,689	1,789	7,789	50	24	105
TOTAL OR AVERAGE	2	-	3	100	103	105	77	182	12,000	-	150	2,052	2,202	14,202	50	21	135
PLATINUM:																
SURFACE MINES:																
OPEN PIT:																
ALASKA	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
TOTAL OR AVERAGE	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4

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TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
PLATINUM--CONTINUED:																	
TOTAL OR AVERAGE, SURFACE:																	
ALASKA	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
TOTAL OR AVERAGE	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
TOTAL OR AVERAGE, MINING:																	
ALASKA	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
TOTAL OR AVERAGE	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																	
ALASKA	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
TOTAL OR AVERAGE	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
GRAND TOTAL OR AVERAGE:																	
ALASKA	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
TOTAL OR AVERAGE	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
RARE EARTHS:																	
PROCESSING PLANTS:																	
CALIFORNIA	-	-	-	6	6	6	2	8	-	-	-	231	231	231	-	38	38
TOTAL OR AVERAGE	-	-	-	6	6	6	2	8	-	-	-	231	231	231	-	38	38
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																	
CALIFORNIA	-	-	-	6	6	6	2	8	-	-	-	231	231	231	-	38	38
TOTAL OR AVERAGE	-	-	-	6	6	6	2	8	-	-	-	231	231	231	-	38	38
GRAND TOTAL OR AVERAGE:																	
CALIFORNIA	-	-	-	6	6	6	2	8	-	-	-	231	231	231	-	38	38
TOTAL OR AVERAGE	-	-	-	6	6	6	2	8	-	-	-	231	231	231	-	38	38

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TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY						PERMANENT		TEMPORARY					
		TOTAL	PARTIAL							TOTAL	PARTIAL						
SILVER:																	
UNDERGROUND MINES:																	
UNDERGROUND:																	
ARIZONA	-	-	-	1	1	1	1	2	-	-	-	24	24	24	-	24	24
COLORADO	-	-	-	3	3	3	7	10	-	-	-	48	48	48	-	16	16
IDAHO	1	-	3	63	66	67	65	132	6,000	-	400	1,390	1,790	7,790	133	22	116
MONTANA	-	-	-	9	9	9	2	11	-	-	-	174	174	174	-	19	19
NEVADA	-	-	-	3	3	3	2	5	-	-	-	104	104	104	-	35	35
NEW MEXICO	1	-	-	1	1	2	-	2	6,000	-	-	30	30	6,030	-	30	3,015
UTAH	-	-	-	6	6	6	6	12	-	-	-	88	88	88	-	15	15
WASHINGTON	-	-	-	7	7	7	-	7	-	-	-	62	62	62	-	9	9
TOTAL OR AVERAGE	2	-	3	93	96	98	83	181	12,000	-	400	1,920	2,320	14,320	133	21	146
SURFACE AT UNDERGROUND:																	
ARIZONA	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
COLORADO	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
IDAHO	-	-	-	3	3	3	4	7	-	-	-	21	21	21	-	7	7
MONTANA	-	-	-	1	1	1	-	1	-	-	-	15	15	15	-	15	15
NEVADA	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
NEW MEXICO	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
UTAH	-	-	-	1	1	1	1	2	-	-	-	39	39	39	-	39	39
WASHINGTON	-	-	-	2	2	2	-	2	-	-	-	11	11	11	-	6	6
TOTAL OR AVERAGE	-	-	-	9	9	9	8	17	-	-	-	94	94	94	-	10	10
TOTAL OR AVERAGE, UG:																	
ARIZONA	-	-	-	2	2	2	1	3	-	-	-	29	29	29	-	14	14
COLORADO	-	-	-	4	4	4	7	11	-	-	-	51	51	51	-	13	13
IDAHO	1	-	3	66	69	70	69	139	6,000	-	400	1,411	1,811	7,811	133	21	112
MONTANA	-	-	-	10	10	10	2	12	-	-	-	189	189	139	-	19	19
NEVADA	-	-	-	3	3	3	3	6	-	-	-	104	104	104	-	35	35
NEW MEXICO	1	-	-	1	1	2	2	4	6,000	-	-	30	30	6,030	-	30	3,015
UTAH	-	-	-	7	7	7	7	14	-	-	-	127	127	127	-	18	18
WASHINGTON	-	-	-	9	9	9	-	9	-	-	-	73	73	73	-	8	8
TOTAL OR AVERAGE	2	-	3	102	105	107	91	198	12,000	-	400	2,014	2,414	14,414	133	20	135
SURFACE MINES:																	
OPEN PIT:																	
ARIZONA	-	-	-	2	2	2	2	4	-	-	-	7	7	7	-	4	4
CALIFORNIA	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
IDAHO	-	-	-	5	5	5	2	7	-	-	-	106	106	106	-	21	21
NEVADA	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
UTAH	-	-	-	2	2	2	6	8	-	-	-	47	47	47	-	24	24
TOTAL OR AVERAGE	-	-	-	9	9	9	14	23	-	-	-	160	160	160	-	18	18

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
SILVER-CONTINUED:																	
TOTAL OR AVERAGE, SURFACE:																	
ARIZONA	-	-	-	2	2	2	2	4	-	-	-	7	7	7	-	4	4
CALIFORNIA	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
IDAHO	-	-	-	5	5	5	2	7	-	-	-	106	106	106	-	21	21
NEVADA	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
UTAH	-	-	-	2	2	2	6	8	-	-	-	47	47	47	-	24	24
TOTAL OR AVERAGE	-	-	-	9	9	9	14	23	-	-	-	160	160	160	-	18	18
TOTAL OR AVERAGE, MINING:																	
ARIZONA	-	-	-	4	4	4	3	7	-	-	-	36	36	36	-	9	9
CALIFORNIA	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
COLORADO	-	-	-	4	4	4	7	11	-	-	-	51	51	51	-	13	13
IDAHO	1	-	3	71	74	75	71	146	6,000	-	400	1,517	1,917	7,917	133	21	106
MONTANA	-	-	-	10	10	10	2	12	-	-	-	189	189	189	-	19	19
NEVADA	-	-	-	3	3	3	6	9	-	-	-	104	104	104	-	35	35
NEW MEXICO	1	-	-	1	1	2	2	4	6,000	-	-	30	30	6,030	-	30	3,015
UTAH	-	-	-	9	9	9	13	22	-	-	-	174	174	174	-	19	19
WASHINGTON	-	-	-	9	9	9	-	9	-	-	-	73	73	73	-	8	8
TOTAL OR AVERAGE	2	-	3	111	114	116	105	221	12,000	-	400	2,174	2,574	14,574	133	20	126
PROCESSING PLANTS:																	
ARIZONA	-	-	-	13	13	13	7	20	-	-	-	104	104	104	-	8	8
COLORADO	-	-	-	1	1	1	-	1	-	-	-	7	7	7	-	7	7
IDAHO	-	-	-	6	6	6	2	8	-	-	-	351	351	351	-	58	58
MONTANA	-	-	-	4	4	4	2	6	-	-	-	31	31	31	-	8	8
NEVADA	-	-	-	8	8	8	10	18	-	-	-	254	254	254	-	32	32
TOTAL OR AVERAGE	-	-	-	32	32	32	21	53	-	-	-	747	747	747	-	23	23
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																	
ARIZONA	-	-	-	17	17	17	10	27	-	-	-	140	140	140	-	8	8
CALIFORNIA	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
COLORADO	-	-	-	5	5	5	7	12	-	-	-	58	58	58	-	12	12
IDAHO	1	-	3	77	80	81	73	154	6,000	-	400	1,868	2,268	8,268	133	24	102
MONTANA	-	-	-	14	14	14	4	18	-	-	-	220	220	220	-	16	16
NEVADA	-	-	-	11	11	11	16	27	-	-	-	358	358	358	-	33	33
NEW MEXICO	1	-	-	1	1	2	2	4	6,000	-	-	30	30	6,030	-	30	3,015
UTAH	-	-	-	9	9	9	13	22	-	-	-	174	174	174	-	19	19
WASHINGTON	-	-	-	9	9	9	-	9	-	-	-	73	73	73	-	8	8
TOTAL OR AVERAGE	2	-	3	143	146	148	126	274	12,000	-	400	2,921	3,321	15,321	133	20	104

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TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
SILVER-CONTINUED:																	
OFFICE:																	
IDAHO	-	-	-	2	2	2	-	2	-	-	-	46	46	46	-	23	23
TOTAL OR AVERAGE	-	-	-	2	2	2	-	2	-	-	-	46	46	46	-	23	23
GRAND TOTAL OR AVERAGE:																	
ARIZONA	-	-	-	17	17	17	10	27	-	-	-	140	140	140	-	8	8
CALIFORNIA	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
COLORADO	-	-	-	5	5	5	7	12	-	-	-	58	58	58	-	12	12
IDAHO	1	-	3	79	82	83	73	156	6,000	-	400	1,914	2,314	8,314	133	24	100
MONTANA	-	-	-	14	14	14	4	18	-	-	-	220	220	220	-	16	16
NEVADA	-	-	-	11	11	11	16	27	-	-	-	358	358	358	-	33	33
NEW MEXICO	1	-	-	1	1	2	2	4	6,000	-	-	30	30	6,030	-	30	3,015
UTAH	-	-	-	9	9	9	13	22	-	-	-	174	174	174	-	19	19
WASHINGTON	-	-	-	9	9	9	-	9	-	-	-	73	73	73	-	8	8
TOTAL OR AVERAGE	2	-	3	145	148	150	126	276	12,000	-	400	2,967	3,367	15,367	133	20	102
TITANIUM:																	
SURFACE MINES:																	
DREDGE:																	
FLORIDA	-	-	-	7	7	7	4	11	-	-	-	119	119	119	-	17	17
TOTAL OR AVERAGE	-	-	-	7	7	7	4	11	-	-	-	119	119	119	-	17	17
TOTAL OR AVERAGE, SURFACE:																	
FLORIDA	-	-	-	7	7	7	4	11	-	-	-	119	119	119	-	17	17
TOTAL OR AVERAGE	-	-	-	7	7	7	4	11	-	-	-	119	119	119	-	17	17
TOTAL OR AVERAGE, MINING:																	
FLORIDA	-	-	-	7	7	7	4	11	-	-	-	119	119	119	-	17	17
TOTAL OR AVERAGE	-	-	-	7	7	7	4	11	-	-	-	119	119	119	-	17	17
PROCESSING PLANTS:																	
FLORIDA	-	-	-	5	5	5	1	6	-	-	-	55	55	55	-	11	11
NEW YORK	-	-	-	3	3	3	1	4	-	-	-	316	316	316	-	105	105
TOTAL OR AVERAGE	-	-	-	8	8	8	2	10	-	-	-	371	371	371	-	46	46

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
TITANIUM-CONTINUED:																	
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																	
FLORIDA	-	-	-	12	12	12	5	17	-	-	-	174	174	174	-	14	14
NEW YORK	-	-	-	3	3	3	1	4	-	-	-	316	316	316	-	105	105
TOTAL OR AVERAGE	-	-	-	15	15	15	6	21	-	-	-	490	490	490	-	33	33
GRAND TOTAL OR AVERAGE:																	
FLORIDA	-	-	-	12	12	12	5	17	-	-	-	174	174	174	-	14	14
NEW YORK	-	-	-	3	3	3	1	4	-	-	-	316	316	316	-	105	105
TOTAL OR AVERAGE	-	-	-	15	15	15	6	21	-	-	-	490	490	490	-	33	33
TUNGSTEN:																	
UNDERGROUND MINES:																	
UNDERGROUND:																	
CALIFORNIA	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
COLORADO	-	-	-	2	2	2	1	3	-	-	-	31	31	31	-	16	16
TOTAL OR AVERAGE	-	-	-	3	3	3	1	4	-	-	-	34	34	34	-	11	11
SURFACE AT UNDERGROUND:																	
CALIFORNIA	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
TOTAL OR AVERAGE	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
TOTAL OR AVERAGE, UG:																	
CALIFORNIA	-	-	-	2	2	2	-	2	-	-	-	6	6	6	-	3	3
COLORADO	-	-	-	2	2	2	1	3	-	-	-	31	31	31	-	16	16
TOTAL OR AVERAGE	-	-	-	4	4	4	1	5	-	-	-	37	37	37	-	9	9
TOTAL OR AVERAGE, MINING:																	
CALIFORNIA	-	-	-	2	2	2	-	2	-	-	-	6	6	6	-	3	3
COLORADO	-	-	-	2	2	2	1	3	-	-	-	31	31	31	-	16	16
TOTAL OR AVERAGE	-	-	-	4	4	4	1	5	-	-	-	37	37	37	-	9	9
PROCESSING PLANTS:																	
CALIFORNIA	-	-	-	16	16	16	1	17	-	-	-	421	421	421	-	26	26
TOTAL OR AVERAGE	-	-	-	16	16	16	1	17	-	-	-	421	421	421	-	26	26

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TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY						PERMANENT		TEMPORARY					
		TOTAL	PARTIAL							TOTAL	PARTIAL						
TUNGSTEN--CONTINUED:																	
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																	
CALIFORNIA	-	-	-	18	18	18	1	19	-	-	-	427	427	427	-	24	24
COLORADO	-	-	-	2	2	2	1	3	-	-	-	31	31	31	-	16	16
TOTAL OR AVERAGE	-	-	-	20	20	20	2	22	-	-	-	458	458	458	-	23	23
GRAND TOTAL OR AVERAGE:																	
CALIFORNIA	-	-	-	18	18	18	1	19	-	-	-	427	427	427	-	24	24
COLORADO	-	-	-	2	2	2	1	3	-	-	-	31	31	31	-	16	16
TOTAL OR AVERAGE	-	-	-	20	20	20	2	22	-	-	-	458	458	458	-	23	23
URANIUM:																	
UNDERGROUND MINES:																	
UNDERGROUND:																	
ARIZONA	-	-	-	3	3	3	2	5	-	-	-	37	37	37	-	12	12
COLORADO	-	-	-	25	25	25	4	29	-	-	-	285	285	285	-	11	11
NEW MEXICO	-	-	1	22	23	23	42	65	-	-	50	618	668	668	50	28	29
UTAH	-	-	-	12	12	12	6	18	-	-	-	251	251	251	-	21	21
WYOMING	-	-	-	3	3	3	-	3	-	-	-	88	88	88	-	29	29
TOTAL OR AVERAGE	-	-	1	65	66	66	54	120	-	-	50	1,279	1,329	1,329	50	20	20
SURFACE AT UNDERGROUND:																	
ARIZONA	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
COLORADO	-	-	-	3	3	3	-	3	-	-	-	10	10	10	-	3	3
NEW MEXICO	-	-	-	2	2	2	6	8	-	-	-	406	406	406	-	203	203
UTAH	-	-	-	1	1	1	3	4	-	-	-	1	1	1	-	1	1
TOTAL OR AVERAGE	-	-	-	6	6	6	10	16	-	-	-	417	417	417	-	70	70
TOTAL OR AVERAGE, UG:																	
ARIZONA	-	-	-	3	3	3	3	6	-	-	-	37	37	37	-	12	12
COLORADO	-	-	-	28	28	28	4	32	-	-	-	295	295	295	-	11	11
NEW MEXICO	-	-	1	24	25	25	48	73	-	-	50	1,024	1,074	1,074	50	43	43
UTAH	-	-	-	13	13	13	9	22	-	-	-	252	252	252	-	19	19
WYOMING	-	-	-	3	3	3	-	3	-	-	-	88	88	88	-	29	29
TOTAL OR AVERAGE	-	-	1	71	72	72	64	136	-	-	50	1,696	1,746	1,746	50	24	24

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
URANIUM-CONTINUED:																	
SURFACE MINES:																	
OPEN PIT:																	
COLORADO	-	-	-	1	1	1	2	3	-	-	-	2	2	2	-	2	2
TEXAS	-	-	-	2	2	2	-	2	-	-	-	142	142	142	-	71	71
WYOMING	-	-	1	17	18	18	3	21	-	-	50	584	634	634	50	34	35
TOTAL OR AVERAGE	-	-	1	20	21	21	5	26	-	-	50	728	778	778	50	36	37
TOTAL OR AVERAGE, SURFACE:																	
COLORADO	-	-	-	1	1	1	2	3	-	-	-	2	2	2	-	2	2
TEXAS	-	-	-	2	2	2	-	2	-	-	-	142	142	142	-	71	71
WYOMING	-	-	1	17	18	18	3	21	-	-	50	584	634	634	50	34	35
TOTAL OR AVERAGE	-	-	1	20	21	21	5	26	-	-	50	728	778	778	50	36	37
TOTAL OR AVERAGE, MINING:																	
ARIZONA	-	-	-	3	3	3	3	6	-	-	-	37	37	37	-	12	12
COLORADO	-	-	-	29	29	29	6	35	-	-	-	297	297	297	-	10	10
NEW MEXICO	-	-	1	24	25	25	48	73	-	-	50	1,024	1,074	1,074	50	43	43
TEXAS	-	-	-	2	2	2	-	2	-	-	-	142	142	142	-	71	71
UTAH	-	-	-	13	13	13	9	22	-	-	-	252	252	252	-	19	19
WYOMING	-	-	1	20	21	21	3	24	-	-	50	672	722	722	50	34	34
TOTAL OR AVERAGE	-	-	2	91	93	93	69	162	-	-	100	2,424	2,524	2,524	50	27	27
PROCESSING PLANTS:																	
COLORADO	-	-	-	3	3	3	4	7	-	-	-	107	107	107	-	36	36
NEW MEXICO	-	-	-	9	9	9	31	40	-	-	-	97	97	97	-	11	11
TEXAS	-	-	-	10	10	10	7	17	-	-	-	243	243	243	-	24	24
UTAH	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
WASHINGTON	-	-	-	1	1	1	-	1	-	-	-	41	41	41	-	41	41
WYOMING	-	-	1	7	8	8	4	12	-	-	50	166	216	216	50	24	27
TOTAL OR AVERAGE	-	-	1	30	31	31	49	80	-	-	50	654	704	704	50	22	23
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																	
ARIZONA	-	-	-	3	3	3	3	6	-	-	-	37	37	37	-	12	12
COLORADO	-	-	-	32	32	32	10	42	-	-	-	404	404	404	-	13	13
NEW MEXICO	-	-	1	33	34	34	79	113	-	-	50	1,121	1,171	1,171	50	34	34
TEXAS	-	-	-	12	12	12	7	19	-	-	-	385	385	385	-	32	32
UTAH	-	-	-	13	13	13	12	25	-	-	-	252	252	252	-	19	19
WASHINGTON	-	-	-	1	1	1	-	1	-	-	-	41	41	41	-	41	41
WYOMING	-	-	2	27	29	29	7	36	-	-	100	838	938	938	50	31	32
TOTAL OR AVERAGE	-	-	3	121	124	124	118	242	-	-	150	3,078	3,228	3,228	50	25	26

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TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREEE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
URANIUM--CONTINUED:																	
GRAND TOTAL OR AVERAGE:																	
ARIZONA	-	-	-	3	3	3	3	6	-	-	-	37	37	37	-	12	12
COLORADO	-	-	-	32	32	32	10	42	-	-	-	404	404	404	-	13	13
NEW MEXICO	-	-	1	33	34	34	79	113	-	-	50	1,121	1,171	1,171	50	34	34
TEXAS	-	-	-	12	12	12	7	19	-	-	-	385	385	385	-	32	32
UTAH	-	-	-	13	13	13	12	25	-	-	-	252	252	252	-	19	19
WASHINGTON	-	-	-	1	1	1	-	1	-	-	-	41	41	41	-	41	41
WYOMING	-	-	2	27	29	29	7	36	-	-	100	838	938	938	50	31	32
TOTAL OR AVERAGE	-	-	3	121	124	124	118	242	-	-	150	3,078	3,228	3,228	50	25	26
VANADIUM:																	
PROCESSING PLANTS:																	
ARKANSAS	-	-	-	1	1	1	-	1	-	-	-	18	18	18	-	18	18
TOTAL OR AVERAGE	-	-	-	1	1	1	-	1	-	-	-	18	18	18	-	18	18
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																	
ARKANSAS	-	-	-	1	1	1	-	1	-	-	-	18	18	18	-	18	18
TOTAL OR AVERAGE	-	-	-	1	1	1	-	1	-	-	-	18	18	18	-	18	18
GRAND TOTAL OR AVERAGE:																	
ARKANSAS	-	-	-	1	1	1	-	1	-	-	-	18	18	18	-	18	18
TOTAL OR AVERAGE	-	-	-	1	1	1	-	1	-	-	-	18	18	18	-	18	18
OTHER METALS, NEC:																	
PROCESSING PLANTS:																	
COLORADO	-	-	-	2	2	2	-	2	-	-	-	19	19	19	-	10	10
NEVADA	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	2	2	2	1	3	-	-	-	19	19	19	-	10	10
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																	
COLORADO	-	-	-	2	2	2	-	2	-	-	-	19	19	19	-	10	10
NEVADA	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	2	2	2	1	3	-	-	-	19	19	19	-	10	10

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TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
OTHER METALS, NEC-CONTINUED:																	
GRAND TOTAL OR AVERAGE:																	
COLORADO	-	-	-	2	2	2	-	2	-	-	-	19	19	19	-	10	10
NEVADA	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	2	2	2	1	3	-	-	-	19	19	19	-	10	10
ALL METALLIC MINERALS:																	
UNDERGROUND MINES:																	
UNDERGROUND:																	
ALASKA	-	-	-	2	2	2	1	3	-	-	-	66	66	66	-	33	33
ARIZONA	-	-	3	72	75	75	80	155	-	-	1,390	2,043	3,433	3,433	463	28	46
CALIFORNIA	1	-	-	3	3	4	5	9	6,000	-	-	55	55	6,055	-	18	1,514
COLORADO	1	-	-	76	76	77	35	112	6,000	-	-	1,414	1,414	7,414	-	19	96
IDAHO	1	-	3	120	123	124	92	216	6,000	-	400	3,535	3,935	9,935	133	29	80
MICHIGAN	-	-	-	2	2	2	-	2	-	-	-	44	44	44	-	22	22
MISSOURI	-	-	-	10	10	10	16	26	-	-	-	285	285	285	-	28	28
MONTANA	-	-	1	17	18	18	6	24	-	-	300	494	794	794	300	29	44
NEVADA	-	-	1	24	25	25	9	34	-	-	600	677	1,277	1,277	600	28	51
NEW JERSEY	-	-	-	7	7	7	5	12	-	-	-	259	259	259	-	37	37
NEW MEXICO	2	-	3	87	90	92	84	176	12,000	-	150	2,150	2,300	14,300	50	25	155
NEW YORK	-	-	2	33	35	35	20	55	-	-	250	1,497	1,747	1,747	125	45	50
PENNSYLVANIA	-	-	-	11	11	11	-	11	-	-	-	126	126	126	-	11	11
SOUTH DAKOTA	-	-	-	53	53	53	51	104	-	-	-	2,070	2,070	2,070	-	39	39
TENNESSEE	1	1	1	61	63	64	25	89	6,000	6,000	400	994	7,394	13,394	400	16	209
UTAH	-	-	-	20	20	20	14	34	-	-	-	347	347	347	-	17	17
WASHINGTON	-	-	-	15	15	15	4	19	-	-	-	223	223	223	-	15	15
WYOMING	-	-	-	3	3	3	-	3	-	-	-	88	88	88	-	29	29
TOTAL OR AVERAGE	6	1	14	616	631	637	447	1,084	36,000	6,000	3,490	16,367	25,857	61,857	249	27	97
SURFACE AT UNDERGROUND:																	
ALASKA	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
ARIZONA	-	-	2	14	16	16	15	31	-	-	1,440	666	2,106	2,106	720	48	132
CALIFORNIA	-	-	-	2	2	2	2	4	-	-	-	9	9	9	-	4	4
COLORADO	-	-	-	13	13	13	7	20	-	-	-	174	174	174	-	13	13
IDAHO	-	-	-	5	5	5	5	10	-	-	-	29	29	29	-	6	6
MISSOURI	1	-	-	1	1	2	3	5	6,000	-	-	16	16	6,016	-	16	3,008
MONTANA	-	-	-	2	2	2	2	4	-	-	-	24	24	24	-	12	12
NEVADA	-	-	-	4	4	4	3	7	-	-	-	18	18	18	-	4	4
NEW JERSEY	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
NEW MEXICO	-	-	-	3	3	3	8	11	-	-	-	408	408	408	-	136	136
NEW YORK	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
PENNSYLVANIA	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
SOUTH DAKOTA	-	-	1	4	5	5	10	15	-	-	300	61	361	361	300	15	72
TENNESSEE	-	-	-	2	2	2	3	5	-	-	-	126	126	126	-	63	63
UTAH	-	-	-	2	2	2	4	6	-	-	-	40	40	40	-	20	20
WASHINGTON	-	-	-	2	2	2	-	2	-	-	-	11	11	11	-	6	6
TOTAL OR AVERAGE	1	-	3	56	59	60	65	125	6,000	-	1,740	1,591	3,331	9,331	580	28	156

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TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, [illegible] STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
ALL METALLIC-CONTINUED:																	
TOTAL OR AVERAGE, UG:																	
ALASKA	-	-	-	3	3	3	1	4	-	-	-	71	71	71	-	24	24
ARIZONA	-	-	5	86	91	91	95	186	-	-	2,830	2,709	5,539	5,539	566	32	61
CALIFORNIA	1	-	-	5	5	6	7	13	6,000	-	-	64	64	6,064	-	13	1,011
COLORADO	1	-	-	89	89	90	42	132	6,000	-	-	1,588	1,588	7,588	-	18	84
IDAHO	1	-	3	125	128	129	97	226	6,000	-	400	3,564	3,964	9,964	133	29	77
MICHIGAN	-	-	-	2	2	2	-	2	-	-	-	44	44	44	-	22	22
MISSOURI	1	-	-	11	11	12	19	31	6,000	-	-	301	301	6,301	-	27	525
MONTANA	-	-	1	19	20	20	8	28	-	-	300	518	818	818	300	27	41
NEVADA	-	-	1	28	29	29	12	41	-	-	600	695	1,295	1,295	600	25	45
NEW JERSEY	-	-	-	7	7	7	7	14	-	-	-	259	259	259	-	37	37
NEW MEXICO	2	-	3	90	93	95	92	187	12,000	-	150	2,558	2,708	14,708	50	28	155
NEW YORK	-	-	2	33	35	35	21	56	-	-	250	1,497	1,747	1,747	125	45	50
PENNSYLVANIA	-	-	-	12	12	12	-	12	-	-	-	130	130	130	-	11	11
SOUTH DAKOTA	-	-	1	57	58	58	61	119	-	-	300	2,131	2,431	2,431	300	37	42
TENNESSEE	1	1	1	63	65	66	28	94	6,000	6,000	400	1,120	7,520	13,520	400	18	205
UTAH	-	-	-	22	22	22	18	40	-	-	-	387	387	387	-	18	18
WASHINGTON	-	-	-	17	17	17	4	21	-	-	-	234	234	234	-	14	14
WYOMING	-	-	-	3	3	3	-	3	-	-	-	88	88	88	-	29	29
TOTAL OR AVERAGE	7	1	17	672	690	697	512	1,209	42,000	6,000	5,230	17,958	29,188	71,188	308	27	102
SURFACE MINES:																	
OPEN PIT:																	
ALASKA	-	-	-	9	9	9	-	9	-	-	-	74	74	74	-	8	8
ARIZONA	-	-	3	82	85	85	68	153	-	-	540	1,505	2,045	2,045	180	18	24
ARKANSAS	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CALIFORNIA	-	-	1	6	7	7	1	8	-	-	50	103	153	153	50	17	22
COLORADO	-	-	-	4	4	4	2	6	-	-	-	32	32	32	-	8	8
IDAHO	-	-	-	23	23	23	14	37	-	-	-	331	331	331	-	14	14
MICHIGAN	-	-	1	15	16	16	4	20	-	-	100	268	368	368	100	18	23
MINNESOTA	1	-	1	73	74	75	21	96	6,000	-	300	2,506	2,806	8,806	300	34	117
MONTANA	-	-	-	5	5	5	1	6	-	-	-	63	63	63	-	13	13
NEVADA	1	-	-	39	39	40	29	69	6,000	-	-	588	588	6,588	-	15	165
NEW MEXICO	-	-	-	14	14	14	12	26	-	-	-	233	233	233	-	17	17
SOUTH DAKOTA	-	-	-	4	4	4	-	4	-	-	-	12	12	12	-	3	3
TENNESSEE	-	-	-	1	1	1	-	1	-	-	-	37	37	37	-	37	37
TEXAS	-	-	-	2	2	2	-	2	-	-	-	142	142	142	-	71	71
UTAH	1	-	1	11	12	13	41	54	6,000	-	1,500	661	2,161	8,161	1,500	60	628
WYOMING	-	-	1	20	21	21	5	26	-	-	50	640	690	690	50	32	33
TOTAL OR AVERAGE	3	-	8	308	316	319	199	518	18,000	-	2,540	7,195	9,735	27 735	318	23	87
DREDGE:																	
ALASKA	-	-	-	1	1	1	-	1	-	-	-	32	32	32	-	32	32
CALIFORNIA	-	-	-	8	8	8	2	10	-	-	-	87	87	87	-	11	11
FLORIDA	-	-	-	7	7	7	4	11	-	-	-	119	119	119	-	17	17
TOTAL OR AVERAGE	-	-	-	16	16	16	6	22	-	-	-	238	238	238	-	15	15

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TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY						PERMANENT		TEMPORARY					
		TOTAL	PARTIAL							TOTAL	PARTIAL						
ALL METALLIC--CONTINUED:																	
TOTAL OR AVERAGE, SURFACE:																	
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARIZONA	-	-	-	10	10	10	-	10	-	-	-	106	106	106	-	11	11
ARKANSAS	-	-	3	82	85	85	68	153	-	-	540	1,505	2,045	2,045	180	18	24
CALIFORNIA	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
COLORADO	-	-	1	14	15	15	3	18	-	-	50	190	240	240	50	14	16
FLORIDA	-	-	-	4	4	4	2	6	-	-	-	32	32	32	-	8	8
IDAHO	-	-	-	7	7	7	4	11	-	-	-	119	119	119	-	17	17
MICHIGAN	-	-	-	23	23	23	14	37	-	-	-	331	331	331	-	14	14
MINNESOTA	1	-	1	15	16	16	4	20	-	-	100	268	368	368	100	18	23
MONTANA	-	-	1	73	74	75	21	96	6,000	-	300	2,506	2,806	8,806	300	34	117
NEVADA	1	-	-	5	5	5	1	6	-	-	-	63	63	63	-	13	13
NEW MEXICO	-	-	-	39	39	40	29	69	6,000	-	-	588	588	6,588	-	15	165
SOUTH DAKOTA	-	-	-	14	14	14	12	26	-	-	-	233	233	233	-	17	17
TENNESSEE	-	-	-	4	4	4	-	4	-	-	-	12	12	12	-	3	3
TEXAS	-	-	-	1	1	1	-	1	-	-	-	37	37	37	-	37	37
UTAH	1	-	-	2	2	2	-	2	-	-	-	142	142	142	-	71	71
WYOMING	-	-	1	11	12	13	41	54	6,000	-	1,500	661	2,161	8,161	1,500	60	628
TOTAL OR AVERAGE	3	-	8	324	332	335	205	540	-	-	50	640	690	690	50	32	33
TOTAL OR AVERAGE, MINING:									18,000	-	2,540	7,433	9,973	27,973	318	23	84
ALASKA	-	-	-	13	13	13	1	14	-	-	-	177	177	177	-	14	14
ARIZONA	-	-	8	168	176	176	163	339	-	-	3,370	4,214	7,584	7,584	421	25	43
ARKANSAS	1	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CALIFORNIA	1	-	1	19	20	21	10	31	6,000	-	50	254	304	6,304	50	13	300
COLORADO	-	-	-	93	93	94	44	138	6,000	-	-	1,620	1,620	7,620	-	17	81
FLORIDA	1	-	-	7	7	7	4	11	-	-	-	119	119	119	-	17	17
IDAHO	-	-	3	148	151	152	111	263	6,000	-	400	3,895	4,295	10,295	133	26	68
MICHIGAN	1	-	1	17	18	18	4	22	-	-	100	312	412	412	100	18	23
MINNESOTA	1	-	1	73	74	75	21	96	6,000	-	300	2,506	2,805	8,806	300	34	117
MISSOURI	-	-	-	11	11	12	19	31	6,000	-	-	301	301	6,301	-	27	525
MONTANA	1	-	1	24	25	25	9	34	-	-	300	581	881	881	300	24	35
NEVADA	-	-	1	67	68	69	41	110	6,000	-	600	1,283	1,883	7,883	600	19	114
NEW JERSEY	2	-	-	7	7	7	-	7	-	-	-	259	259	259	-	37	37
NEW MEXICO	-	-	3	104	107	109	104	213	12,000	-	150	2,791	2,941	14,941	50	27	137
NEW YORK	-	-	2	33	35	35	21	56	-	-	250	1,497	1,747	1,747	125	45	50
PENNSYLVANIA	-	-	-	12	12	12	-	12	-	-	-	130	130	130	-	11	11
SOUTH DAKOTA	1	1	1	61	62	62	61	123	6,000	6,000	300	2,143	2,443	2,443	300	35	39
TENNESSEE	-	-	-	64	66	67	28	95	-	-	400	1,157	7,557	13,557	400	18	202
TEXAS	1	-	1	2	2	2	-	2	6,000	-	-	142	142	142	-	71	71
UTAH	-	-	-	33	34	35	59	94	-	-	1,500	1,048	2,548	8,548	1,500	32	244
WASHINGTON	-	-	1	17	17	17	4	21	-	-	-	234	234	234	-	14	14
WYOMING	-	-	1	23	24	24	5	29	-	-	50	728	778	778	50	32	32
TOTAL OR AVERAGE	10	1	25	996	1,022	1,032	717	1,749	60,000	6,000	7,770	25,391	39,161	99,161	311	25	96

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TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
ALL METALLIC-CONTINUED:																	
INDEPENDENT SHOPS:																	
MICHIGAN	-	-	-	1	1	1	3	4	-	-	-	5	5	5	-	5	5
MINNESOTA	-	-	1	6	7	7	2	9	-	-	50	107	157	157	50	18	22
TENNESSEE	-	-	-	4	4	4	1	5	-	-	-	23	23	23	-	6	6
TOTAL OR AVERAGE	-	-	1	11	12	12	6	18	-	-	50	135	185	185	50	12	15
PROCESSING PLANTS:																	
ALABAMA	-	-	-	2	2	2	2	4	-	-	-	6	6	6	-	3	3
ALASKA	-	-	-	2	2	2	-	2	-	-	-	17	17	17	-	8	8
ARIZONA	-	-	1	85	86	86	82	168	-	-	50	2,302	2,352	2,352	50	27	27
ARKANSAS	-	-	-	27	27	27	37	64	-	-	-	2,059	2,059	2,059	-	76	76
CALIFORNIA	-	-	-	29	29	29	5	34	-	-	-	838	838	838	-	29	29
COLORADO	-	-	-	44	44	44	12	56	-	-	-	791	791	791	-	18	18
DELAWARE	-	-	-	1	1	1	-	1	-	-	-	70	70	70	-	70	70
FLORIDA	-	-	-	5	5	5	1	6	-	-	-	55	55	55	-	11	11
GEORGIA	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
IDAHO	-	-	-	8	8	8	2	10	-	-	-	375	375	375	-	47	47
ILLINOIS	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
LOUISIANA	-	-	1	26	27	27	22	49	-	-	300	1,281	1,581	1,581	300	49	59
MICHIGAN	1	-	2	38	40	41	12	53	6,000	-	100	722	822	6,822	50	19	166
MINNESOTA	1	-	1	82	83	84	41	125	6,000	-	75	2,601	2,676	8,676	75	32	103
MISSOURI	-	-	-	9	9	9	7	16	-	-	-	261	261	261	-	29	29
MONTANA	-	-	-	15	15	15	4	19	-	-	-	312	312	312	-	21	21
NEVADA	-	-	1	30	31	31	33	64	-	-	50	727	777	777	50	24	25
NEW JERSEY	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
NEW MEXICO	-	-	1	20	21	21	45	66	-	-	50	253	303	303	50	13	14
NEW YORK	-	-	-	6	6	6	4	10	-	-	-	330	330	330	-	55	55
NORTH CAROLINA	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
PENNSYLVANIA	-	-	-	5	5	5	-	5	-	-	-	74	74	74	-	15	15
SOUTH DAKOTA	-	-	-	1	1	1	-	1	-	-	-	9	9	9	-	9	9
TENNESSEE	-	-	-	6	6	6	12	18	-	-	-	121	121	121	-	20	20
TEXAS	1	-	-	19	19	20	26	46	6,000	-	-	388	388	6,388	-	20	319
UTAH	1	-	2	20	22	23	63	86	6,000	-	100	1,056	1,156	7,156	50	53	311
VIRGIN ISLANDS	-	-	-	12	12	12	8	20	-	-	-	468	468	468	-	39	39
VIRGINIA	-	-	-	1	1	1	-	1	-	-	-	49	49	49	-	49	49
WASHINGTON	-	-	-	1	1	1	1	2	-	-	-	41	41	41	-	41	41
WEST VIRGINIA	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
WYOMING	-	-	1	9	10	10	6	16	-	-	50	186	236	236	50	21	24
TOTAL OR AVERAGE	4	-	10	504	514	518	431	949	24,000	-	775	15,398	16,173	40,173	78	31	78

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
ALL METALLIC--CONTINUED:																	
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																	
ALABAMA	-	-	-	2	2	2	2	4	-	-	-	6	6	6	-	3	3
ALASKA	-	-	-	15	15	15	1	16	-	-	-	194	194	194	-	13	13
ARIZONA	-	-	9	253	262	262	245	507	-	-	3,420	6,516	9,936	9,936	380	26	38
ARKANSAS	-	-	-	27	27	27	38	65	-	-	-	2,059	2,059	2,059	-	76	76
CALIFORNIA	1	-	1	48	49	50	15	65	6,000	-	50	1,092	1,142	7,142	50	23	143
COLORADO	1	-	-	137	137	138	56	194	6,000	-	-	2,411	2,411	8,411	-	18	61
DELAWARE	-	-	-	1	1	1	-	1	-	-	-	70	70	70	-	70	70
FLORIDA	-	-	-	12	12	12	5	17	-	-	-	174	174	174	-	14	14
GEORGIA	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
IDAHO	1	-	3	156	159	160	113	273	6,000	-	400	4,270	4,670	10,670	133	27	67
ILLINOIS	-	-	-	1	1	1	-	1	-	-	-	-	-	-	-	-	-
LOUISIANA	-	-	1	26	27	27	22	49	-	-	-	6	6	6	-	6	6
MICHIGAN	1	-	3	56	59	60	19	79	6,000	-	300	1,281	1,581	1,581	300	49	59
MINNESOTA	2	-	3	161	164	166	64	230	12,000	-	200	1,039	1,239	7,239	67	19	121
MISSOURI	1	-	-	20	20	21	26	47	6,000	-	425	5,214	5,639	17,639	142	22	106
MONTANA	-	-	1	39	40	40	13	53	-	-	-	562	562	6,562	-	28	312
NEVADA	1	-	2	97	99	100	74	174	6,000	-	300	893	1,193	1,193	300	23	30
NEW JERSEY	-	-	-	7	7	7	10	17	-	-	650	2,010	2,660	8,660	325	21	87
NEW MEXICO	2	-	4	124	128	130	149	279	12,000	-	-	259	259	259	-	37	37
NEW YORK	-	-	2	39	41	41	25	66	-	-	200	3,044	3,244	15,244	50	25	119
NORTH CAROLINA	-	-	-	-	-	-	1	1	-	-	250	1,827	2,077	2,077	125	47	51
PENNSYLVANIA	-	-	-	17	17	17	-	17	-	-	-	-	-	-	-	-	-
SOUTH DAKOTA	-	-	1	62	63	63	61	124	-	-	-	204	204	204	-	12	12
TENNESSEE	1	1	1	74	76	77	41	118	6,000	6,000	300	2,152	2,452	2,452	300	35	39
TEXAS	1	-	-	21	21	22	26	48	6,000	-	400	1,301	7,701	13,701	400	18	178
UTAH	2	-	3	53	56	58	122	180	12,000	-	-	530	530	6,530	-	25	297
VIRGIN ISLANDS	-	-	-	12	12	12	8	20	-	-	1,600	2,104	3,704	15,704	533	40	271
VIRGINIA	-	-	-	1	1	1	-	1	-	-	-	468	468	468	-	39	39
WASHINGTON	-	-	-	18	18	18	5	23	-	-	-	49	49	49	-	49	49
WEST VIRGINIA	-	-	-	-	-	-	1	1	-	-	-	275	275	275	-	15	15
WYOMING	-	-	2	32	34	34	11	45	-	-	100	914	1,014	1,014	50	29	30
TOTAL OR AVERAGE	14	1	36	1,511	1,548	1,562	1,154	2,716	84,000	6,000	8,595	40,924	55,519	139,519	239	27	89
OFFICE:																	
CALIFORNIA	-	-	-	1	1	1	1	2	-	-	-	18	18	18	-	18	18
COLORADO	-	-	-	2	2	2	-	2	-	-	-	14	14	14	-	7	7
IDAHO	-	-	-	3	3	3	-	3	-	-	-	50	50	50	-	17	17
MINNESOTA	-	-	-	4	4	4	3	7	-	-	-	55	55	55	-	14	14
MISSOURI	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
NEVADA	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
NEW MEXICO	-	-	-	1	1	1	1	2	-	-	-	127	127	127	-	127	127
VIRGIN ISLANDS	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
WASHINGTON	-	-	-	1	1	1	-	1	-	-	-	179	179	179	-	179	179
TOTAL OR AVERAGE	-	-	-	12	12	12	8	20	-	-	-	443	443	443	-	37	37

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TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
ALL METALLIC-CONTINUED: GRAND TOTAL OR AVERAGE:																	
ALABAMA	-	-	-	2	2	2	2	4	-	-	-	6	6	6	-	3	3
ALASKA	-	-	-	15	15	15	1	16	-	-	-	194	194	194	-	13	13
ARIZONA	-	-	9	253	262	262	245	507	-	-	3,420	6,516	9,936	9,936	380	26	38
ARKANSAS	-	-	-	27	27	27	38	65	-	-	-	2,059	2,059	2,059	-	76	76
CALIFORNIA	1	-	1	49	50	51	16	67	6,000	-	50	1,110	1,160	7,160	50	23	140
COLORADO	1	-	-	139	139	140	56	196	6,000	-	-	2,425	2,425	8,425	-	17	60
DELAWARE	-	-	-	1	1	1	-	1	-	-	-	70	70	70	-	70	70
FLORIDA	-	-	-	12	12	12	5	17	-	-	-	174	174	174	-	14	14
GEORGIA	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
IDAHO	1	-	3	159	162	163	113	276	6,000	-	400	4,320	4,720	10,720	133	27	66
ILLINOIS	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
LOUISIANA	-	-	1	26	27	27	22	49	-	-	300	1,281	1,581	1,581	300	49	59
MICHIGAN	1	-	3	56	59	60	19	79	6,000	-	200	1,039	1,239	7,239	67	19	121
MINNESOTA	2	-	3	165	168	170	67	237	12,000	-	425	5,269	5,694	17,694	142	32	104
MISSOURI	1	-	-	20	20	21	27	48	6,000	-	-	562	562	6,562	-	28	312
MONTANA	-	-	1	39	40	40	13	53	-	-	300	843	1,193	1,193	300	23	30
NEVADA	1	-	2	97	99	100	75	175	6,000	-	650	2,010	2,660	8,660	325	21	87
NEW JERSEY	-	-	-	7	7	7	10	17	-	-	-	259	259	259	-	37	37
NEW MEXICO	2	-	4	125	129	131	150	281	12,000	-	200	3,171	3,371	15,371	50	25	117
NEW YORK	-	-	2	39	41	41	25	66	-	-	250	1,827	2,077	2,077	125	47	51
NORTH CAROLINA	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
PENNSYLVANIA	-	-	-	17	17	17	-	17	-	-	-	204	204	204	-	12	12
SOUTH DAKOTA	-	-	1	62	63	63	61	124	-	-	300	2,152	2,452	2,452	300	35	39
TENNESSEE	1	1	1	74	76	77	41	118	6,000	6,000	400	1,301	7,701	13,701	400	18	178
TEXAS	1	-	-	21	21	22	26	48	6,000	-	-	530	530	6,530	-	25	297
UTAH	2	-	3	53	56	58	122	180	12,000	-	1,600	2,104	3,704	15,704	533	40	271
VIRGIN ISLANDS	-	-	-	12	12	12	9	21	-	-	-	468	468	468	-	39	39
VIRGINIA	-	-	-	1	1	1	-	1	-	-	-	49	49	49	-	49	49
WASHINGTON	-	-	-	19	19	19	5	24	-	-	-	454	454	454	-	24	24
WEST VIRGINIA	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
WYOMING	-	-	2	32	34	34	11	45	-	-	100	914	1,014	1,014	50	29	30
TOTAL OR AVERAGE	14	1	36	1,523	1,560	1,574	1,162	2,736	84,000	6,000	8,595	41,367	55,962	139,962	239	27	89

TABLE 8. - NUMBER OF INJURIES, INCIDENCE RATES, AND SEVERITY MEASURES BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL											
		TOTAL	PARTIAL													
UNDERGROUND MINES:																
UNDERGROUND:																
EAR	-	-	-	1	1	1	2	3	-	.01	.01	.02	.04	-	2	2
EYE	-	-	-	25	25	25	35	60	-	.31	.31	.43	.73	-	1	1
JAW	-	-	-	5	5	5	4	9	-	.06	.06	.05	.11	-	1	1
MOUTH/TEETH/TONGUE	-	-	-	2	2	2	14	16	-	.02	.02	.17	.20	-	(•)	(•)
NOSE	-	-	-	1	1	1	6	7	-	.01	.01	.07	.09	-	(•)	(•)
SCALP	-	-	-	-	-	-	3	3	-	-	-	.04	.04	-	-	-
SKULL	-	-	-	-	-	-	1	1	-	-	-	.01	.01	-	-	-
FACE, NEC	-	-	-	6	6	6	9	15	-	.07	.07	.11	.18	-	1	1
HEAD, NEC	-	-	-	12	12	12	25	37	-	.15	.15	.31	.45	-	3	3
NECK	-	-	-	8	8	8	8	16	-	.10	.10	.10	.20	-	4	4
UPPER ARM	-	-	-	2	2	2	-	2	-	.02	.02	-	.02	-	(•)	(•)
ELBOW	-	-	-	11	11	11	15	26	-	.13	.13	.18	.32	-	2	2
FOREARM	-	-	-	13	13	13	19	32	-	.16	.16	.23	.39	-	4	4
WRIST	-	-	-	21	21	21	16	37	-	.26	.26	.20	.45	-	9	9
HAND	-	-	-	21	21	21	41	62	-	.26	.26	.50	.76	-	5	5
FINGER(S)	-	-	5	56	61	61	134	195	-	.75	.75	1.64	2.38	-	41	41
UPPER EXTREMITIES, NEC	-	-	-	10	10	10	19	29	-	.12	.12	.23	.35	-	4	4
ABDOMEN	-	-	-	4	4	4	1	5	-	.05	.05	.01	.06	-	1	1
BACK	-	1	-	120	121	121	19	140	-	1.48	1.48	.23	1.71	-	107	107
CHEST	-	-	1	14	15	15	7	22	-	.18	.18	.09	.27	-	6	6
PELVIC REGION	-	-	7	20	27	27	3	30	-	.33	.33	.04	.37	-	13	13
SHOULDER(S)	-	-	-	30	30	30	3	33	-	.37	.37	.04	.40	-	10	10
TRUNK, NEC	-	-	-	11	11	11	2	13	-	.13	.13	.02	.16	-	7	7
THIGH	-	-	-	7	7	7	2	9	-	.09	.09	.02	.11	-	-	1
KNEE	-	-	-	43	43	43	14	57	-	.53	.53	.17	.70	-	14	14
LOWER LEG	-	-	-	9	9	9	6	15	-	.11	.11	.07	.18	-	4	4
ANKLE	-	-	-	36	36	36	6	42	-	.44	.44	.07	.51	-	13	13
FOOT	-	-	-	51	51	51	8	59	-	.62	.62	.10	.72	-	15	15
TOE(S)	-	-	1	13	14	14	1	15	-	.17	.17	.01	.18	-	11	11
LOWER EXTREMITIES, NEC	-	-	-	14	14	14	4	18	-	.17	.17	.05	.22	-	4	4
BODY SYSTEMS	1	-	-	2	2	3	3	6	.01	.02	.04	.04	.07	73	(•)	73
MULTIPLE PARTS OF BODY	5	-	-	48	48	53	17	70	.06	.59	.65	.21	.86	367	34	401
TOTAL OR AVERAGE	6	1	14	616	631	637	447	1,084	.07	7.71	7.79	5.46	13.25	440	316	756

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TABLE 8. - NUMBER OF INJURIES, INCIDENCE RATES, AND SEVERITY MEASURES BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL											
		TOTAL	PARTIAL													
SURFACE AT UNDERGROUND:																
EAR	-	-	-	-	-	-	2	2	-	-	-	.08	.08	-	-	-
EYE	-	-	-	-	-	-	7	7	-	-	-	.27	.27	-	-	-
JAW	-	-	-	-	-	-	2	2	-	-	-	.08	.08	-	-	-
MOUTH/TEETH/TONGUE	-	-	-	-	-	-	2	2	-	-	-	.08	.08	-	-	-
FACE, NEC	-	-	-	-	-	-	1	1	-	-	-	.04	.04	-	-	-
HEAD, NEC	-	-	-	2	2	2	2	4	-	.08	.08	.08	.15	-	(*)	(*)
NECK	-	-	-	2	2	2	-	2	-	.08	.08	-	.08	-	(*)	(*)
ELBOW	-	-	-	1	1	1	-	1	-	.04	.04	-	.04	-	(*)	(*)
FOREARM	-	-	-	2	2	2	1	3	-	.08	.08	.04	.11	-	3	3
WRIST	-	-	-	1	1	1	4	5	-	.04	.04	.15	.19	-	2	2
HAND	-	-	-	2	2	2	7	9	-	.08	.08	.27	.34	-	(*)	(*)
FINGER(S)	-	-	2	3	5	5	19	24	-	.19	.19	.72	.91	-	65	65
UPPER EXTREMITIES, NEC	-	-	-	1	1	1	-	1	-	.04	.04	-	.04	-	(*)	(*)
BACK	-	-	-	14	14	14	4	18	-	.53	.53	.15	.68	-	8	8
CHEST	-	-	-	4	4	4	1	5	-	.15	.15	.04	.19	-	1	1
PELVIC REGION	-	-	1	1	2	2	1	3	-	.08	.08	.04	.11	-	3	3
SHOULDER(S)	-	-	-	-	-	-	1	1	-	-	-	.04	.04	-	-	-
TRUNK, NEC	-	-	-	1	1	1	-	1	-	.04	.04	-	.04	-	(*)	(*)
KNEE	-	-	-	6	6	6	2	8	-	.23	.23	.08	.30	-	16	16
LOWER LEG	-	-	-	2	2	2	3	5	-	.08	.08	.11	.19	-	1	1
ANKLE	-	-	-	2	2	2	-	2	-	.08	.08	-	.08	-	1	1
FOOT	-	-	-	6	6	6	1	7	-	.23	.23	.04	.27	-	5	5
TOE(S)	-	-	-	3	3	3	4	7	-	.11	.11	.15	.27	-	(*)	(*)
LOWER EXTREMITIES, NEC	-	-	-	-	-	-	1	1	-	-	-	.04	.04	-	-	-
BODY SYSTEMS	1	-	-	-	-	1	-	1	.04	-	.04	-	.04	227	-	227
MULTIPLE PARTS OF BODY	-	-	-	3	3	3	-	3	-	.11	.11	-	.11	-	19	19
TOTAL OR AVERAGE	1	-	3	56	59	60	65	125	.04	2.24	2.27	2.46	4.74	227	126	354

TABLE 8. - NUMBER OF INJURIES, INCIDENCE RATES, AND SEVERITY MEASURES BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL											
		TOTAL	PARTIAL													
TOTAL OR AVERAGE, UG:																
EAR	-	-	-	1	1	1	4	5	-	.01	.01	.04	.05	-	1	1
EYE	-	-	-	25	25	25	42	67	-	.23	.23	.39	.62	-	1	1
JAW	-	-	-	5	5	5	6	11	-	.05	.05	.06	.10	-	1	1
MOUTH/TEETH/TONGUE	-	-	-	2	2	2	16	18	-	.02	.02	.15	.17	-	(*)	(*)
NOSE	-	-	-	1	1	1	6	7	-	.01	.01	.06	.06	-	(*)	(*)
SCALP	-	-	-	-	-	-	3	3	-	-	-	.03	.03	-	-	-
SKULL	-	-	-	-	-	-	1	1	-	-	-	.01	.01	-	-	-
FACE, NEC	-	-	-	6	6	6	10	16	-	.06	.06	.09	.15	-	(*)	(*)
HEAD, NEC	-	-	-	14	14	14	27	41	-	.13	.13	.25	.38	-	2	2
NECK	-	-	-	10	10	10	8	18	-	.09	.09	.07	.17	-	3	3
UPPER ARM	-	-	-	2	2	2	-	2	-	.02	.02	-	.02	-	(*)	(*)
ELBOW	-	-	-	12	12	12	15	27	-	.11	.11	.14	.25	-	1	1
FOREARM	-	-	-	15	15	15	20	35	-	.14	.14	.18	.32	-	4	4
WRIST	-	-	-	22	22	22	20	42	-	.20	.20	.18	.39	-	8	8
HAND	-	-	-	23	23	23	48	71	-	.21	.21	.44	.66	-	4	4
FINGER(S)	-	-	7	59	66	66	153	219	-	.61	.61	1.41	2.02	-	47	47
UPPER EXTREMITIES, NEC	-	-	-	11	11	11	19	30	-	.10	.10	.18	.28	-	3	3
ABDOMEN	-	-	-	4	4	4	1	5	-	.04	.04	.01	.05	-	1	1
BACK	-	1	-	134	135	135	23	158	-	1.25	1.25	.21	1.46	-	83	83
CHEST	-	-	1	18	19	19	8	27	-	.18	.18	.07	.25	-	5	5
PELVIC REGION	-	-	8	21	29	29	4	33	-	.27	.27	.04	.30	-	10	10
SHOULDER(S)	-	-	-	30	30	30	4	34	-	.28	.28	.04	.31	-	8	8
TRUNK, NEC	-	-	-	12	12	12	2	14	-	.11	.11	.02	.13	-	6	6
THIGH	-	-	-	7	7	7	2	9	-	.06	.06	.02	.08	-	1	1
KNEE	-	-	-	49	49	49	16	65	-	.45	.45	.15	.60	-	15	15
LOWER LEG	-	-	-	11	11	11	9	20	-	.10	.10	.08	.18	-	3	3
ANKLE	-	-	-	38	38	38	6	44	-	.35	.35	.06	.41	-	10	10
FOOT	-	-	-	57	57	57	9	66	-	.53	.53	.08	.61	-	12	12
TOE(S)	-	-	1	16	17	17	5	22	-	.16	.16	.05	.20	-	8	8
LOWER EXTREMITIES, NEC	-	-	-	14	14	14	5	19	-	.13	.13	.05	.18	-	3	3
BODY SYSTEMS	2	-	-	2	2	4	3	7	.02	.02	.04	.03	.06	111	(*)	111
MULTIPLE PARTS OF BODY	5	-	-	51	51	56	17	73	.05	.47	.52	.16	.67	277	30	307
TOTAL OR AVERAGE	7	1	17	672	690	697	512	1,209	.06	6.38	6.44	4.73	11.17	388	270	658

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TABLE 8. - NUMBER OF INJURIES, INCIDENCE RATES, AND SEVERITY MEASURES BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL											
		TOTAL	PARTIAL													
SURFACE MINES:																
OPEN PIT:																
EAR	-	-	-	2	2	2	2	4	-	.02	.02	.02	.03	-	(*)	(*)
EYE	-	-	-	7	7	7	8	15	-	.06	.06	.07	.13	-	(*)	(*)
JAW	-	-	-	-	-	-	2	2	-	-	-	.02	.02	-	-	-
MOUTH/TEETH/TONGUE	-	-	-	-	-	-	13	13	-	-	-	.11	.11	-	-	-
NOSE	-	-	-	-	-	-	1	1	-	-	-	.01	.01	-	-	-
SCALP	-	-	-	-	-	-	3	3	-	-	-	.03	.03	-	-	-
FACE, NEC	-	-	-	1	1	1	3	4	-	.01	.01	.03	.03	-	(*)	(*)
HEAD, NEC	-	-	1	2	3	3	7	10	-	.03	.03	.06	.08	-	13	13
NECK	-	-	-	8	8	8	-	8	-	.07	.07	-	.07	-	1	1
UPPER ARM	-	-	-	-	-	-	1	1	-	-	-	.01	.01	-	-	-
ELBOW	-	-	-	1	1	1	2	3	-	.01	.01	.02	.03	-	(*)	(*)
FOREARM	-	-	-	3	3	3	2	5	-	.03	.03	.02	.04	-	2	2
WRIST	-	-	-	4	4	4	3	7	-	.03	.03	.03	.06	-	1	1
HAND	-	-	-	15	15	15	13	28	-	.13	.13	.11	.24	-	2	2
FINGER(S)	-	-	3	29	32	32	96	128	-	.27	.27	.81	1.08	-	11	11
UPPER EXTREMITIES, NEC	-	-	-	4	4	4	2	6	-	.03	.03	.02	.05	-	1	1
BACK	-	-	-	77	77	77	8	85	-	.65	.65	.07	.72	-	16	16
CHEST	1	-	-	12	12	13	6	19	.01	.10	.11	.05	.16	51	1	52
PELVIC REGION	-	-	4	5	9	9	1	10	-	.08	.08	.01	.08	-	2	2
SHOULDER(S)	-	-	-	17	17	17	-	17	-	.14	.14	-	.14	-	3	3
TRUNK, NEC	-	-	-	5	5	5	-	5	-	.04	.04	-	.04	-	1	1
THIGH	-	-	-	2	2	2	1	3	-	.02	.02	.01	.03	-	1	1
KNEE	-	-	-	36	36	36	1	37	-	.30	.30	.01	.31	-	7	7
LOWER LEG	-	-	-	6	6	6	2	8	-	.05	.05	.02	.07	-	2	2
ANKLE	-	-	-	27	27	27	4	31	-	.23	.23	.03	.26	-	4	4
FOOT	-	-	-	14	14	14	5	19	-	.12	.12	.04	.16	-	2	2
TOE(S)	-	-	-	5	5	5	5	10	-	.04	.04	.04	.08	-	1	1
LOWER EXTREMITIES, NEC	-	-	-	3	3	3	4	7	-	.03	.03	.03	.06	-	1	1
BODY SYSTEMS	-	-	-	1	1	1	1	2	-	.01	.01	.01	.02	-	(*)	(*)
MULTIPLE PARTS OF BODY	2	-	-	22	22	24	3	27	.02	.19	.20	.03	.23	102	12	113
TOTAL OR AVERAGE	3	-	8	308	316	319	199	518	.03	2.67	2.70	1.68	4.38	152	82	235
DREDGE:																
EYE	-	-	-	-	-	-	1	1	-	-	-	.29	.29	-	-	-
MOUTH/TEETH/TONGUE	-	-	-	-	-	-	1	1	-	-	-	.29	.29	-	-	-
FACE, NEC	-	-	-	1	1	1	-	1	-	.29	.29	-	.29	-	1	1
ELBOW	-	-	-	-	-	-	1	1	-	-	-	.29	.29	-	-	-
HAND	-	-	-	1	1	1	1	2	-	.29	.29	.29	.59	-	1	1
FINGER(S)	-	-	-	-	-	-	1	1	-	-	-	.29	.29	-	-	-
UPPER EXTREMITIES, NEC	-	-	-	1	1	1	-	1	-	.29	.29	-	.29	-	(*)	(*)
BACK	-	-	-	7	7	7	-	7	-	2.05	2.05	-	2.05	-	27	27
SHOULDER(S)	-	-	-	1	1	1	-	1	-	.29	.29	-	.29	-	21	21
TRUNK, NEC	-	-	-	1	1	1	-	1	-	.29	.29	-	.29	-	4	4
KNEE	-	-	-	3	3	3	-	3	-	.88	.88	-	.88	-	15	15
FOOT	-	-	-	1	1	1	1	2	-	29	.29	.29	.59	-	1	1
TOTAL OR AVERAGE	-	-	-	16	16	16	6	22	-	4.69	4.69	1.76	6.45	-	70	70

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TABLE 8. - NUMBER OF INJURIES, INCIDENCE RATES, AND SEVERITY MEASURES BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL											
		TOTAL	PARTIAL													
TOTAL OR AVERAGE, SURFACE:																
EAR	-	-	-	2	2	2	2	4	-	.02	.02	.02	.03	-	(*)	(*)
EYE	-	-	-	7	7	7	9	16	-	.06	06	.07	.13	-	(*)	(*)
JAW	-	-	-	-	-	-	2	2	-	-	-	.02	.02	-	-	-
MOUTH/TEETH/TONGUE	-	-	-	-	-	-	14	14	-	-	-	.12	.12	-	-	-
NOSE	-	-	-	-	-	-	1	1	-	-	-	01	.01	-	-	-
SCALP	-	-	-	-	-	-	3	3	-	-	-	.02	.02	-	-	-
FACE, NEC	-	-	-	2	2	2	3	5	-	.02	.02	.02	.04	-	(*)	(*)
HEAD, NEC	-	-	1	2	3	3	7	10	-	.02	.02	06	.08	-	13	13
NECK	-	-	-	8	8	8	-	8	-	.07	.07	-	.07	-	1	1
UPPER ARM	-	-	-	-	-	-	1	1	-	-	-	.01	.01	-	-	-
ELBOW	-	-	-	1	1	1	3	4	-	.01	.01	.02	.03	-	(*)	(*)
FOREARM	-	-	-	3	3	3	2	5	-	.02	.02	.02	.04	-	2	2
WRIST	-	-	-	4	4	4	3	7	-	.03	.03	.02	.06	-	1	1
HAND	-	-	-	16	16	16	14	30	-	.13	.13	.12	.25	-	2	2
FINGER(S)	-	-	3	29	32	32	97	129	-	.26	.26	.80	1.06	-	11	11
UPPER EXTREMITIES, NEC	-	-	-	5	5	5	2	7	-	.04	.04	.02	.06	-	1	1
BACK	-	-	-	84	84	84	8	92	-	.69	.69	.07	.76	-	17	17
CHEST	1	-	-	12	12	13	6	19	.01	.10	.11	.05	.16	49	1	51
PELVIC REGION	-	-	4	5	9	9	1	10	-	.07	.07	.01	.08	-	2	2
SHOULDER(S)	-	-	-	18	18	18	-	18	-	.15	.15	-	.15	-	3	3
TRUNK, NEC	-	-	-	6	6	6	-	6	-	.05	.05	-	.05	-	1	1
THIGH	-	-	-	2	2	2	1	3	-	.02	.02	.01	.02	-	(*)	(*)
KNEE	-	-	-	39	39	39	1	40	-	.32	.32	.01	33	-	7	7
LOWER LEG	-	-	-	6	6	6	2	8	-	05	.05	.02	.07	-	2	2
ANKLE	-	-	-	27	27	27	4	31	-	.22	.22	.03	.25	-	4	4
FOOT	-	-	-	15	15	15	6	21	-	.12	.12	.05	.17	-	2	2
TOE(S)	-	-	-	5	5	5	5	10	-	.04	.04	.04	.08	-	1	1
LOWER EXTREMITIES, NEC	-	-	-	3	3	3	4	7	-	.02	.02	.03	.06	-	1	1
BODY SYSTEMS	-	-	-	1	1	1	1	2	-	.01	.01	.01	.02	-	(*)	(*)
MULTIPLE PARTS OF BODY	2	-	-	22	22	24	3	27	.02	.18	.20	.02	.22	99	11	110
TOTAL OR AVERAGE	3	-	8	324	332	335	205	540	.02	2.73	2.75	1.69	4.44	148	82	230

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TABLE 8. - NUMBER OF INJURIES, INCIDENCE RATES, AND SEVERITY MEASURES BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES		
	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL
		PERMANENT		TEMPORARY												
		TOTAL	PARTIAL													
TOTAL OR AVERAGE, MINING:																
EAR	-	-	-	3	3	3	6	9	-	.01	.01	.03	.04	-	1	1
EYE	-	-	-	32	32	32	51	83	-	.14	.14	.22	.36	-	(*)	(*)
JAW	-	-	-	5	5	5	8	13	-	.02	.02	.03	.06	-	(*)	(*)
MOUTH/TEETH/TONGUE	-	-	-	2	2	2	30	32	-	.01	.01	.13	.14	-	(*)	(*)
NOSE	-	-	-	1	1	1	7	8	-	(*)	(*)	.03	.03	-	(*)	(*)
SCALP	-	-	-	-	-	-	6	6	-	-	-	.03	.03	-	-	-
SKULL	-	-	-	-	-	-	1	1	-	-	-	(*)	(*)	-	-	-
FACE, NEC	-	-	-	8	8	8	13	21	-	.03	.03	.06	.09	-	(*)	(*)
HEAD, NEC	-	-	1	16	17	17	34	51	-	.07	.07	.15	.22	-	8	8
NECK	-	-	-	18	18	18	8	26	-	.08	.08	.03	.11	-	2	2
UPPER ARM	-	-	-	2	2	2	1	3	-	.01	.01	(*)	.01	-	(*)	(*)
ELBOW	-	-	-	13	13	13	18	31	-	.06	.06	.08	.13	-	1	1
FOREARM	-	-	-	18	18	18	22	40	-	.08	.08	.10	.17	-	3	3
WRIST	-	-	-	26	26	26	23	49	-	.11	.11	.10	.21	-	4	4
HAND	-	-	-	39	39	39	62	101	-	.17	.17	.27	.44	-	3	3
FINGER(S)	-	-	10	88	98	98	250	348	-	.43	.43	1.09	1.51	-	28	28
UPPER EXTREMITIES, NEC	-	-	-	16	16	16	21	37	-	.07	.07	.09	.16	-	2	2
ABDOMEN	-	-	-	4	4	4	1	5	-	.02	.02	(*)	.02	-	(*)	(*)
BACK	-	1	-	218	219	219	31	250	-	.95	.95	.13	1.09	-	48	48
CHEST	1	-	1	30	31	32	14	46	(*)	.13	.14	.06	.20	26	3	29
PELVIC REGION	-	-	12	26	38	38	5	43	-	.17	.17	.02	.19	-	6	6
SHOULDER(S)	-	-	-	48	48	48	4	52	-	.21	.21	.02	.23	-	5	5
TRUNK, NEC	-	-	-	18	18	18	2	20	-	.08	.08	.01	.09	-	3	3
THIGH	-	-	-	9	9	9	3	12	-	.04	.04	.01	.05	-	(*)	(*)
KNEE	-	-	-	88	88	88	17	105	-	.38	.38	.07	.46	-	11	11
LOWER LEG	-	-	-	17	17	17	11	28	-	.07	.07	.05	.12	-	3	3
ANKLE	-	-	-	65	65	65	10	75	-	.28	.28	.04	.33	-	7	7
FOOT	-	-	-	72	72	72	15	87	-	.31	.31	.07	.38	-	7	7
TOE(S)	-	-	1	21	22	22	10	32	-	.10	.10	.04	.14	-	4	4
LOWER EXTREMITIES, NEC	-	-	-	17	17	17	9	26	-	.07	.07	.04	.11	-	2	2
BODY SYSTEMS	2	-	-	3	3	5	4	9	.01	.01	.02	.02	.04	52	(*)	52
MULTIPLE PARTS OF BODY	7	-	-	73	73	80	20	100	.03	.32	.35	.09	.44	183	20	203
TOTAL OR AVERAGE	10	1	25	996	1,022	1,032	717	1,749	.04	4.45	4.49	3.12	7.61	261	170	431
INDEPENDENT SHOPS:																
HEAD, NEC	-	-	-	-	-	-	1	1	-	-	-	.13	.13	-	-	-
WRIST	-	-	-	1	1	1	1	2	-	.13	.13	.13	.27	-	3	3
HAND	-	-	-	1	1	1	-	1	-	.13	13	-	.13	-	(*)	(*)
FINGER(S)	-	-	-	-	-	-	3	3	-	-	-	.40	.40	-	-	-
BACK	-	-	-	5	5	5	-	5	-	.67	.67	-	.67	-	8	8
PELVIC REGION	-	-	1	-	1	1	-	1	-	.13	.13	-	.13	-	7	7
THIGH	-	-	-	1	1	1	-	1	-	.13	.13	-	.13	-	2	2
KNEE	-	-	-	1	1	1	-	1	-	.13	.13	-	.13	-	4	4
MULTIPLE PARTS OF BODY	-	-	-	2	2	2	1	3	-	.27	.27	.13	.40	-	1	1
TOTAL OR AVERAGE	-	-	1	11	12	12	6	18	-	1.60	1.60	.80	2.40	-	25	25

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TABLE 8. - NUMBER OF INJURIES, INCIDENCE RATES, AND SEVERITY MEASURES BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL											
		TOTAL	PARTIAL													
PROCESSING PLANTS:																
EAR	-	-	-	-	-	-	5	5	-	-	-	.03	.03	-	-	-
EYE	-	-	-	21	21	21	24	45	-	.12	.12	.13	.25	-	(*)	(*)
JAW	-	-	-	1	1	1	6	7	-	.01	.01	.03	.04	-	(*)	(*)
MOUTH/TEETH/TONGUE	-	-	-	-	-	-	14	14	-	-	-	.08	.08	-	-	-
NOSE	-	-	-	-	-	-	3	3	-	-	-	.02	.02	-	-	-
SCALP	-	-	-	-	-	-	3	3	-	-	-	.02	.02	-	-	-
SKULL	-	-	-	-	-	-	1	1	-	-	-	.01	.01	-	-	-
FACE, NEC	-	-	-	3	3	3	5	8	-	.02	.02	.03	.04	-	1	1
HEAD, NEC	-	-	-	8	8	8	19	27	-	.04	.04	.11	.15	-	(*)	(*)
NECK	-	-	-	12	12	12	1	13	-	.07	.07	.01	.07	-	1	1
UPPER ARM	-	-	-	3	3	3	1	4	-	.02	.02	.01	.02	-	(*)	(*)
ELBOW	-	-	-	13	13	13	8	21	-	.07	.07	.04	.12	-	3	3
FOREARM	-	-	-	7	7	7	14	21	-	.04	.04	.08	.12	-	1	1
WRIST	-	-	-	15	15	15	15	30	-	.08	.08	.08	.17	-	3	3
HAND	-	-	-	18	18	18	38	56	-	.10	.10	.21	.31	-	2	2
FINGER(S)	-	-	4	66	70	70	171	241	-	.39	.39	.96	1.35	-	12	12
UPPER EXTREMITIES, NEC	-	-	-	6	6	6	6	12	-	.03	.03	.03	.07	-	1	1
ABDOMEN	-	-	-	1	1	1	-	1	-	.01	.01	-	.01	-	(*)	(*)
BACK	-	-	-	94	94	94	21	115	-	.53	.53	.12	.64	-	18	18
CHEST	-	-	-	15	15	15	9	24	-	.08	.08	.05	.13	-	2	2
PELVIC REGION	-	-	6	15	21	21	-	21	-	.12	.12	-	.12	-	3	3
SHOULDER(S)	-	-	-	20	20	20	3	23	-	.11	.11	.02	.13	-	2	2
TRUNK, NEC	-	-	-	-	-	-	1	1	-	-	-	.01	.01	-	-	-
THIGH	-	-	-	1	1	1	3	4	-	.01	.01	.02	.02	-	(*)	(*)
KNEE	-	-	-	47	47	47	10	57	-	.26	.26	.06	.32	-	10	10
LOWER LEG	-	-	-	8	8	8	7	15	-	.04	.04	.04	.08	-	1	1
ANKLE	-	-	-	38	38	38	2	40	-	.21	.21	.01	.22	-	4	4
FOOT	-	-	-	29	29	29	12	41	-	.16	.16	.07	.23	-	3	3
TOE(S)	-	-	-	5	5	5	4	9	-	.03	.03	.02	.05	-	1	1
LOWER EXTREMITIES, NEC	-	-	-	10	10	10	9	19	-	.06	.06	.05	.11	-	1	1
BODY SYSTEMS	-	-	-	9	9	9	3	12	-	.05	.05	.02	.07	-	2	2
MULTIPLE PARTS OF BODY	4	-	-	38	38	42	13	55	.02	.21	.24	.07	.31	134	20	155
UNCLASSIFIED	-	-	-	1	1	1	-	1	-	.01	.01	-	.01	-	(*)	(*)
TOTAL OR AVERAGE	4	-	10	504	514	518	431	949	.02	2.88	2.90	2.41	5.31	134	91	225

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TABLE 8. - NUMBER OF INJURIES, INCIDENCE RATES, AND SEVERITY MEASURES BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL											
		TOTAL	PARTIAL													
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																
EAR	-	-	-	3	3	3	11	14	-	.01	.01	.03	.03	-	(*)	(*)
EYE	-	-	-	53	53	53	75	128	-	.13	.13	.18	.31	-	(*)	(*)
JAW	-	-	-	6	6	6	14	20	-	.01	.01	.03	.05	-	(*)	(*)
MOUTH/TEETH/TONGUE	-	-	-	2	2	2	44	46	-	(*)	(*)	.11	.11	-	(*)	(*)
NOSE	-	-	-	1	1	1	10	11	-	(*)	(*)	.02	.03	-	(*)	(*)
SCALP	-	-	-	-	-	-	9	9	-	-	-	.02	.02	-	-	-
SKULL	-	-	-	-	-	-	2	2	-	-	-	(*)	(*)	-	-	-
FACE, NEC	-	-	-	11	11	11	18	29	-	.03	.03	.04	.07	-	1	1
HEAD, NEC	-	-	1	24	25	25	54	79	-	.06	.06	.13	.19	-	4	4
NECK	-	-	-	30	30	30	9	39	-	.07	.07	.02	.09	-	1	1
UPPER ARM	-	-	-	5	5	5	2	7	-	.01	.01	(*)	.02	-	(*)	(*)
ELBOW	-	-	-	26	26	26	26	52	-	.06	.06	.06	.13	-	2	2
FOREARM	-	-	-	25	25	25	36	61	-	.06	.06	.09	.15	-	2	2
WRIST	-	-	-	42	42	42	39	81	-	.10	.10	.09	.19	-	3	3
HAND	-	-	-	58	58	58	100	158	-	.14	.14	.24	.38	-	2	2
FINGER(S)	-	-	14	154	168	168	424	592	-	.40	.40	1.02	1.42	-	20	20
UPPER EXTREMITIES, NEC	-	-	-	22	22	22	27	49	-	.05	.05	.06	.12	-	1	1
ABDOMEN	-	-	-	5	5	5	1	6	-	.01	.01	(*)	.01	-	(*)	(*)
BACK	-	1	-	317	318	318	52	370	-	.76	.76	.13	.89	-	34	34
CHEST	1	-	1	45	46	47	23	70	(*)	.11	.11	.06	.17	14	3	17
PELVIC REGION	-	-	19	41	60	60	5	65	-	.14	.14	.01	.16	-	5	5
SHOULDER(S)	-	-	-	68	68	68	7	75	-	.16	.16	.02	.18	-	4	4
TRUNK, NEC	-	-	-	18	18	18	3	21	-	.04	.04	.01	.05	-	2	2
THIGH	-	-	-	11	11	11	6	17	-	.03	.03	.01	.04	-	(*)	(*)
KNEE	-	-	-	136	136	136	27	163	-	.33	.33	.06	.39	-	10	10
LOWER LEG	-	-	-	25	25	25	18	43	-	.06	.06	.04	.10	-	2	2
ANKLE	-	-	-	103	103	103	12	115	-	.25	.25	.03	.28	-	6	6
FOOT	-	-	-	101	101	101	27	128	-	.24	.24	.06	.31	-	5	5
TOE(S)	-	-	1	26	27	27	14	41	-	.06	.06	.03	.10	-	3	3
LOWER EXTREMITIES, NEC	-	-	-	27	27	27	18	45	-	.06	.06	.04	.11	-	1	1
BODY SYSTEMS	2	-	-	12	12	14	7	21	(*)	.03	.03	.02	.05	29	1	30
MULTIPLE PARTS OF BODY	11	-	-	113	113	124	34	158	.03	.27	.30	.08	.38	159	20	179
UNCLASSIFIED	-	-	-	1	1	1	-	1	-	(*)	(*)	-	(*)	-	(*)	(*)
TOTAL OR AVERAGE	14	1	36	1,511	1,548	1,562	1,154	2,716	.03	3.72	3.76	2.77	6.53	202	133	335
OFFICE:																
FACE, NEC	-	-	-	-	-	-	1	1	-	-	-	.02	.02	-	-	-
HEAD, NEC	-	-	-	-	-	-	1	1	-	-	-	.02	.02	-	-	-
NECK	-	-	-	1	1	1	-	1	-	.02	.02	-	.02	-	(*)	(*)
ELBOW	-	-	-	-	-	-	1	1	-	-	-	.02	.02	-	-	-
WRIST	-	-	-	1	1	1	-	1	-	.02	.02	-	.02	-	2	2
FINGER(S)	-	-	-	2	2	2	4	6	-	.03	.03	.06	.09	-	3	3
BACK	-	-	-	4	4	4	-	4	-	.06	.06	-	.06	-	1	1
PELVIC REGION	-	-	-	2	2	2	-	2	-	.03	.03	-	.03	-	1	1
SHOULDER(S)	-	-	-	1	1	1	-	1	-	.02	.02	-	.02	-	(*)	(*)
TOE(S)	-	-	-	-	-	-	1	1	-	-	-	.02	.02	-	-	-
BODY SYSTEMS	-	-	-	1	1	1	-	1	-	.02	.02	-	.02	-	(*)	(*)
TOTAL OR AVERAGE	-	-	-	12	12	12	8	20	-	18	18	12	30	-	7	7

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TABLE 8. - NUMBER OF INJURIES, INCIDENCE RATES, AND SEVERITY MEASURES BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL											
		TOTAL	PARTIAL													
GRAND TOTAL OR AVERAGE:																
EAR	-	-	-	3	3	3	11	14	-	.01	.01	.02	.03	-	(*)	(*)
EYE	-	-	-	53	53	53	75	128	-	.11	.11	.16	.27	-	(*)	(*)
JAW	-	-	-	6	6	6	14	20	-	.01	.01	.03	.04	-	(*)	(*)
MOUTH/TEETH/TONGUE	-	-	-	2	2	2	44	46	-	(*)	(*)	.09	.10	-	(*)	(*)
NOSE	-	-	-	1	1	1	10	11	-	(*)	(*)	.02	.02	-	(*)	(*)
SCALP	-	-	-	-	-	-	9	9	-	-	-	.02	.02	-	-	-
SKULL	-	-	-	-	-	-	2	2	-	-	-	(*)	(*)	-	-	-
FACE, NEC	-	-	-	11	11	11	19	30	-	.02	.02	.04	.06	-	(*)	(*)
HEAD, NEC	-	-	1	24	25	25	55	80	-	.05	.05	.11	.17	-	4	4
NECK	-	-	-	31	31	31	9	40	-	.06	.06	.02	.08	-	1	1
UPPER ARM	-	-	-	5	5	5	2	7	-	.01	.01	(*)	.01	-	(*)	(*)
ELBOW	-	-	-	26	26	26	27	53	-	.05	.05	.06	.11	-	1	1
FOREARM	-	-	-	25	25	25	36	61	-	.05	.05	.07	.13	-	2	2
WRIST	-	-	-	43	43	43	39	82	-	.09	.09	.08	.17	-	3	3
HAND	-	-	-	58	58	58	100	158	-	.12	.12	.21	.33	-	2	2
FINGER(S)	-	-	14	156	170	170	428	598	-	.35	.35	.89	1.24	-	18	18
UPPER EXTREMITIES, NEC	-	-	-	22	22	22	27	49	-	.05	.05	.06	.10	-	1	1
ABDOMEN	-	-	-	5	5	5	1	6	-	.01	.01	(*)	.01	-	(*)	(*)
BACK	-	1	-	321	322	322	52	374	-	.67	.67	.11	.78	-	30	30
CHEST	1	-	1	45	46	47	23	70	(*)	.10	.10	.05	.15	12	2	15
PELVIC REGION	-	-	19	43	62	62	5	67	-	.13	.13	.01	.14	-	4	4
SHOULDER(S)	-	-	-	69	69	69	7	76	-	.14	.14	.01	.16	-	3	3
TRUNK, NEC	-	-	-	18	18	18	3	21	-	.04	.04	.01	.04	-	1	1
THIGH	-	-	-	11	11	11	6	17	-	.02	.02	.01	.04	-	(*)	(*)
KNEE	-	-	-	136	136	136	27	163	-	.28	.28	.06	.34	-	9	9
LOWER LEG	-	-	-	25	25	25	18	43	-	.05	.05	.04	.09	-	1	1
ANKLE	-	-	-	103	103	103	12	115	-	.21	.21	.02	.24	-	5	5
FOOT	-	-	-	101	101	101	27	128	-	.21	.21	.06	.27	-	4	4
TOE(S)	-	-	1	26	27	27	15	42	-	.06	.06	.03	.09	-	2	2
LOWER EXTREMITIES, NEC	-	-	-	27	27	27	18	45	-	.06	.06	.04	.09	-	1	1
BODY SYSTEMS	2	-	-	13	13	15	7	22	(*)	.03	.03	.01	.05	25	1	26
MULTIPLE PARTS OF BODY	11	-	-	113	113	124	34	158	.02	.23	.26	.07	.33	137	17	154
UNCLASSIFIED	-	-	-	1	1	1	-	1	-	(*)	(*)	-	(*)	-	(*)	(*)
TOTAL OR AVERAGE	14	1	36	1,523	1,560	1,574	1,162	2,736	.03	3.23	3.25	2.41	5.67	174	116	290

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TABLE 9. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1953

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
UNDERGROUND MINES:																	
UNDERGROUND:																	
EAR	-	-	-	1	1	1	2	3	-	-	-	148	148	148	-	148	148
EYE	-	-	-	25	25	25	35	60	-	-	-	82	82	82	-	3	3
JAW	-	-	-	5	5	5	4	9	-	-	-	104	104	104	-	21	21
MOUTH/TEETH/TONGUE	-	-	-	2	2	2	14	16	-	-	-	17	17	17	-	8	8
NOSE	-	-	-	1	1	1	6	7	-	-	-	3	3	3	-	3	3
SCALP	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
SKULL	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FACE, NEC	-	-	-	6	6	6	9	15	-	-	-	53	53	53	-	9	9
HEAD, NEC	-	-	-	12	12	12	25	37	-	-	-	245	245	245	-	20	20
NECK	-	-	-	8	8	8	8	16	-	-	-	325	325	325	-	41	41
UPPER ARM	-	-	-	2	2	2	-	2	-	-	-	32	32	32	-	16	16
ELBOW	-	-	-	11	11	11	15	26	-	-	-	130	130	130	-	12	12
FOREARM	-	-	-	13	13	13	19	32	-	-	-	311	311	311	-	24	24
WRIST	-	-	-	21	21	21	16	37	-	-	-	758	758	758	-	36	36
HAND	-	-	-	21	21	21	41	62	-	-	-	408	408	408	-	19	19
FINGER(S)	-	-	5	56	61	61	134	195	-	-	2,240	1,100	3,340	3,340	448	20	55
UPPER EXTREMITIES, NEC	-	-	-	10	10	10	19	29	-	-	-	322	322	322	-	32	32
ABDOMEN	-	-	-	4	4	4	1	5	-	-	-	96	96	96	-	24	24
BACK	-	1	-	120	121	121	19	140	-	6,000	-	2,758	8,758	8,758	-	23	72
CHEST	-	-	1	14	15	15	7	22	-	-	300	199	499	499	300	14	33
PELVIC REGION	-	-	7	20	27	27	3	30	-	-	350	686	1,036	1,036	50	34	38
SHOULDER(S)	-	-	-	30	30	30	3	33	-	-	-	850	850	850	-	28	28
TRUNK, NEC	-	-	-	11	11	11	2	13	-	-	-	596	596	596	-	54	54
THIGH	-	-	-	7	7	7	2	9	-	-	-	55	55	55	-	8	8
KNEE	-	-	-	43	43	43	14	57	-	-	-	1,154	1,154	1,154	-	27	27
LOWER LEG	-	-	-	9	9	9	6	15	-	-	-	339	339	339	-	38	38
ANKLE	-	-	-	36	36	36	6	42	-	-	-	1,047	1,047	1,047	-	29	29
FOOT	-	-	-	51	51	51	8	59	-	-	-	1,204	1,204	1,204	-	24	24
TOE(S)	-	-	1	13	14	14	1	15	-	-	600	265	865	865	600	20	62
LOWER EXTREMITIES, NEC	-	-	-	14	14	14	4	18	-	-	-	293	293	293	-	21	21
BODY SYSTEMS	1	-	-	2	2	3	3	6	6,000	-	-	10	10	6,010	-	5	2,003
MULTIPLE PARTS OF BODY	5	-	-	48	48	53	17	70	30,000	-	-	2,777	2,777	32,777	-	58	618
TOTAL OR AVERAGE	6	1	14	616	631	637	447	1,084	36,000	6,000	3,490	16,367	25,857	61,857	249	27	97

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TABLE 9. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY						PERMANENT		TEMPORARY					
		TOTAL	PARTIAL							TOTAL	PARTIAL						
SURFACE AT UNDERGROUND:																	
EAR	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
EYE	-	-	-	-	-	-	7	7	-	-	-	-	-	-	-	-	-
JAW	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
MOUTH/TEETH/TONGUE	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
FACE, NEC	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HEAD, NEC	-	-	-	2	2	2	2	4	-	-	-	13	13	13	-	6	6
NECK	-	-	-	2	2	2	-	2	-	-	-	10	10	10	-	5	5
ELBOW	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
FOREARM	-	-	-	2	2	2	1	3	-	-	-	91	91	91	-	46	46
WRIST	-	-	-	1	1	1	4	5	-	-	-	55	55	55	-	55	55
HAND	-	-	-	2	2	2	7	9	-	-	-	10	10	10	-	5	5
FINGER(S)	-	-	2	3	5	5	19	24	-	-	1,690	21	1,711	1,711	845	7	342
UPPER EXTREMITIES, NEC	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
BACK	-	-	-	14	14	14	4	18	-	-	-	204	204	204	-	15	15
CHEST	-	-	-	4	4	4	1	5	-	-	-	39	39	39	-	10	10
PELVIC REGION	-	-	1	1	2	2	1	3	-	-	50	28	78	78	50	28	39
SHOULDER(S)	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TRUNK, NEC	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
KNEE	-	-	-	6	6	6	2	8	-	-	-	430	430	430	-	72	72
LOWER LEG	-	-	-	2	2	2	3	5	-	-	-	24	24	24	-	12	12
ANKLE	-	-	-	2	2	2	-	2	-	-	-	19	19	19	-	10	10
FOOT	-	-	-	6	6	6	1	7	-	-	-	136	136	136	-	23	23
TOE(S)	-	-	-	3	3	3	4	7	-	-	-	11	11	11	-	4	4
LOWER EXTREMITIES, NEC	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
BODY SYSTEMS	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
MULTIPLE PARTS OF BODY	-	-	-	3	3	3	-	3	-	-	-	493	493	493	-	164	164
TOTAL OR AVERAGE	1	-	3	56	59	60	65	125	6,000	-	1,740	1,591	3,331	9,331	580	28	156

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TABLE 9. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
TOTAL OR AVERAGE, UG:																	
EAR	-	-	-	1	1	1	4	5	-	-	-	148	148	148	-	148	148
EYE	-	-	-	25	25	25	42	67	-	-	-	82	82	82	-	3	3
JAW	-	-	-	5	5	5	6	11	-	-	-	104	104	104	-	21	21
MOUTH/TEETH/TONGUE	-	-	-	2	2	2	16	18	-	-	-	17	17	17	-	8	8
NOSE	-	-	-	1	1	1	6	7	-	-	-	3	3	3	-	3	3
SCALP	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
SKULL	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FACE, NEC	-	-	-	6	6	6	10	16	-	-	-	53	53	53	-	9	9
HEAD, NEC	-	-	-	14	14	14	27	41	-	-	-	258	258	258	-	18	18
NECK	-	-	-	10	10	10	8	18	-	-	-	335	335	335	-	34	34
UPPER ARM	-	-	-	2	2	2	-	2	-	-	-	32	32	32	-	16	16
ELBOW	-	-	-	12	12	12	15	27	-	-	-	132	132	132	-	11	11
FOREARM	-	-	-	15	15	15	20	35	-	-	-	402	402	402	-	27	27
WRIST	-	-	-	22	22	22	20	42	-	-	-	813	813	813	-	37	37
HAND	-	-	-	23	23	23	48	71	-	-	-	418	418	418	-	18	18
FINGER(S)	-	-	7	59	66	66	153	219	-	-	3,930	1,121	5,051	5,051	561	19	77
UPPER EXTREMITIES, NEC	-	-	-	11	11	11	19	30	-	-	-	325	325	325	-	30	30
ABDOMEN	-	-	-	4	4	4	1	5	-	-	-	96	96	96	-	24	24
BACK	-	1	-	134	135	135	23	158	-	6,000	-	2,962	8,962	8,962	-	22	66
CHEST	-	-	1	18	19	19	8	27	-	-	300	238	538	538	300	13	28
PELVIC REGION	-	-	8	21	29	29	4	33	-	-	400	714	1,114	1,114	50	34	38
SHOULDER(S)	-	-	-	30	30	30	4	34	-	-	-	850	850	850	-	28	28
TRUNK, NEC	-	-	-	12	12	12	2	14	-	-	-	598	598	598	-	50	50
THIGH	-	-	-	7	7	7	2	9	-	-	-	55	55	55	-	8	8
KNEE	-	-	-	49	49	49	16	65	-	-	-	1,584	1,584	1,584	-	32	32
LOWER LEG	-	-	-	11	11	11	9	20	-	-	-	363	363	363	-	33	33
ANKLE	-	-	-	38	38	38	6	44	-	-	-	1,066	1,066	1,066	-	28	28
FOOT	-	-	-	57	57	57	9	66	-	-	-	1,340	1,340	1,340	-	24	24
TOE(S)	-	-	1	16	17	17	5	22	-	-	600	276	876	876	600	17	52
LOWER EXTREMITIES, NEC	-	-	-	14	14	14	5	19	-	-	-	293	293	293	-	21	21
BODY SYSTEMS	2	-	-	2	2	4	3	7	12,000	-	-	10	10	12,010	-	5	3,002
MULTIPLE PARTS OF BODY	5	-	-	51	51	56	17	73	30,000	-	-	3,270	3,270	33,270	-	64	594
TOTAL OR AVERAGE	7	1	17	672	690	697	512	1,209	42,000	6,000	5,230	17,958	29,188	71,188	308	27	102

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TABLE 9. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
SURFACE MINES:																	
OPEN PIT:																	
EAR	-	-	-	2	2	2	2	4	-	-	-	16	16	16	-	8	8
EYE	-	-	-	7	7	7	8	15	-	-	-	23	23	23	-	3	3
JAW	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
MOUTH/TEETH/TONGUE	-	-	-	-	-	-	13	13	-	-	-	-	-	-	-	-	-
NOSE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
SCALP	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
FACE, NEC	-	-	-	1	1	1	3	4	-	-	-	2	2	2	-	2	2
HEAD, NEC	-	-	1	2	3	3	7	10	-	-	1,500	33	1,533	1,533	1,500	16	511
NECK	-	-	-	8	8	8	-	8	-	-	-	127	127	127	-	16	16
UPPER ARM	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
ELBOW	-	-	-	1	1	1	2	3	-	-	-	50	50	50	-	50	50
FOREARM	-	-	-	3	3	3	2	5	-	-	-	236	236	236	-	79	79
WRIST	-	-	-	4	4	4	3	7	-	-	-	77	77	77	-	19	19
HAND	-	-	-	15	15	15	13	28	-	-	-	249	249	249	-	17	17
FINGER(S)	-	-	3	29	32	32	96	128	-	-	840	484	1,324	1,324	280	17	41
UPPER EXTREMITIES, NEC	-	-	-	4	4	4	2	6	-	-	-	64	64	64	-	16	16
BACK	-	-	-	77	77	77	8	85	-	-	-	1,923	1,923	1,923	-	25	25
CHEST	1	-	-	12	12	13	6	19	6,000	-	-	148	148	6,148	-	12	473
PELVIC REGION	-	-	4	5	9	9	1	10	-	-	200	56	256	256	50	11	28
SHOULDER(S)	-	-	-	17	17	17	-	17	-	-	-	303	303	303	-	18	18
TRUNK, NEC	-	-	-	5	5	5	-	5	-	-	-	72	72	72	-	14	14
THIGH	-	-	-	2	2	2	1	3	-	-	-	60	60	60	-	30	30
KNEE	-	-	-	36	36	36	1	37	-	-	-	788	788	788	-	22	22
LOWER LEG	-	-	-	6	6	6	2	8	-	-	-	212	212	212	-	35	35
ANKLE	-	-	-	27	27	27	4	31	-	-	-	515	515	515	-	19	19
FOOT	-	-	-	14	14	14	5	19	-	-	-	212	212	212	-	15	15
TOE(S)	-	-	-	5	5	5	5	10	-	-	-	79	79	79	-	16	16
LOWER EXTREMITIES, NEC	-	-	-	3	3	3	4	7	-	-	-	73	73	73	-	24	24
BODY SYSTEMS	-	-	-	1	1	1	1	2	-	-	-	4	4	4	-	4	4
MULTIPLE PARTS OF BODY	2	-	-	22	22	24	3	27	12,000	-	-	1,389	1,389	13,389	-	63	558
TOTAL OR AVERAGE	3	-	8	308	316	319	199	518	18,000	-	2,540	7,195	9,735	27,735	318	23	87
DREDGE:																	
EYE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MOUTH/TEETH/TONGUE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FACE, NEC	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
ELBOW	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HAND	-	-	-	1	1	1	1	2	-	-	-	2	2	2	-	2	2
FINGER(S)	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
UPPER EXTREMITIES, NEC	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
BACK	-	-	-	7	7	7	-	7	-	-	-	92	92	92	-	13	13
SHOULDER(S)	-	-	-	1	1	1	-	1	-	-	-	71	71	71	-	71	71
TRUNK, NEC	-	-	-	1	1	1	-	1	-	-	-	15	15	15	-	15	15
KNEE	-	-	-	3	3	3	-	3	-	-	-	50	50	50	-	17	17
FOOT	-	-	-	1	1	1	1	2	-	-	-	2	2	2	-	2	2
TOTAL OR AVERAGE	-	-	-	16	16	16	6	22	-	-	-	238	238	238	-	15	15

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TABLE 9. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
TOTAL OR AVERAGE, SURFACE:																	
EAR	-	-	-	2	2	2	2	4	-	-	-	16	16	16	-	8	8
EYE	-	-	-	7	7	7	9	16	-	-	-	23	23	23	-	3	3
JAW	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
MOUTH/TEETH/TONGUE	-	-	-	-	-	-	14	14	-	-	-	-	-	-	-	-	-
NOSE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
SCALP	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
FACE, NEC	-	-	-	2	2	2	3	5	-	-	-	7	7	7	-	2	4
HEAD, NEC	-	-	1	2	3	3	7	10	-	-	1,500	33	1,533	1,533	1,500	16	511
NECK	-	-	-	8	8	8	-	8	-	-	-	127	127	127	-	16	16
UPPER ARM	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
ELBOW	-	-	-	1	1	1	3	4	-	-	-	50	50	50	-	50	50
FOREARM	-	-	-	3	3	3	2	5	-	-	-	236	236	236	-	79	79
WRIST	-	-	-	4	4	4	3	7	-	-	-	77	77	77	-	19	19
HAND	-	-	-	16	16	16	14	30	-	-	-	251	251	251	-	16	16
FINGER(S)	-	-	3	29	32	32	97	129	-	-	840	484	1,324	1,324	280	17	41
UPPER EXTREMITIES, NEC	-	-	-	5	5	5	2	7	-	-	-	65	65	65	-	13	13
BACK	-	-	-	84	84	84	8	92	-	-	-	2,015	2,015	2,015	-	24	24
CHEST	1	-	-	12	12	13	6	19	6,000	-	-	148	148	5,148	-	12	473
PELVIC REGION	-	-	4	5	9	9	1	10	-	-	200	56	256	256	50	11	28
SHOULDER(S)	-	-	-	18	18	18	-	18	-	-	-	374	374	374	-	21	21
TRUNK, NEC	-	-	-	6	6	6	-	6	-	-	-	87	87	87	-	14	14
THIGH	-	-	-	2	2	2	1	3	-	-	-	60	60	60	-	30	30
KNEE	-	-	-	39	39	39	1	40	-	-	-	838	838	838	-	21	21
LOWER LEG	-	-	-	6	6	6	2	8	-	-	-	212	212	212	-	35	35
ANKLE	-	-	-	27	27	27	4	31	-	-	-	515	515	515	-	19	19
FOOT	-	-	-	15	15	15	6	21	-	-	-	214	214	214	-	14	14
TOE(S)	-	-	-	5	5	5	5	10	-	-	-	79	79	79	-	16	16
LOWER EXTREMITIES, NEC	-	-	-	3	3	3	4	7	-	-	-	73	73	73	-	24	24
BODY SYSTEMS	-	-	-	1	1	1	1	2	-	-	-	4	4	4	-	4	4
MULTIPLE PARTS OF BODY	2	-	-	22	22	24	3	27	12,000	-	-	1,389	1,389	13,389	-	63	558
TOTAL OR AVERAGE	3	-	8	324	332	335	205	540	15,000	-	2,540	7,433	9,973	27,973	318	23	84

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TABLE 9. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY						PERMANENT		TEMPORARY					
		TOTAL	PARTIAL							TOTAL	PARTIAL						
TOTAL OR AVERAGE, MINING:																	
EAR	-	-	-	3	3	3	6	9	-	-	-	164	164	164	-	55	55
EYE	-	-	-	32	32	32	51	83	-	-	-	105	105	105	-	3	3
JAW	-	-	-	5	5	5	8	13	-	-	-	104	104	104	-	21	21
MOUTH/TEETH/TONGUE	-	-	-	2	2	2	30	32	-	-	-	17	17	17	-	8	8
NOSE	-	-	-	1	1	1	7	8	-	-	-	3	3	3	-	3	3
SCALP	-	-	-	-	-	-	6	6	-	-	-	-	-	-	-	-	-
SKULL	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FACE, NEC	-	-	-	8	8	8	13	21	-	-	-	60	60	60	-	8	8
HEAD, NEC	-	-	1	16	17	17	34	51	-	-	1,500	291	1,791	1,791	1,500	18	105
NECK	-	-	-	18	18	18	8	26	-	-	-	462	462	462	-	26	26
UPPER ARM	-	-	-	2	2	2	1	3	-	-	-	32	32	32	-	16	16
ELBOW	-	-	-	13	13	13	18	31	-	-	-	182	182	182	-	14	14
FOREARM	-	-	-	18	18	18	22	40	-	-	-	638	638	638	-	35	35
WRIST	-	-	-	26	26	26	23	49	-	-	-	890	890	890	-	34	34
HAND	-	-	-	39	39	39	62	101	-	-	-	669	669	669	-	17	17
FINGER(S)	-	-	10	88	98	98	250	348	-	-	4,770	1,605	6,375	6,375	477	18	65
UPPER EXTREMITIES, NEC	-	-	-	16	16	16	21	37	-	-	-	390	390	390	-	24	24
ABDOMEN	-	-	-	4	4	4	1	5	-	-	-	96	96	96	-	24	24
BACK	-	1	-	218	219	219	31	250	-	6,000	-	4,977	10,977	10,977	-	23	50
CHEST	1	-	1	30	31	32	14	46	6,000	-	300	386	686	6,686	300	13	209
PELVIC REGION	-	-	12	26	38	38	5	43	-	-	600	770	1,370	1,370	50	30	36
SHOULDER(S)	-	-	-	48	48	48	4	52	-	-	-	1,224	1,224	1,224	-	26	26
TRUNK, NEC	-	-	-	18	18	18	2	20	-	-	-	685	685	685	-	38	38
THIGH	-	-	-	9	9	9	3	12	-	-	-	115	115	115	-	13	13
KNEE	-	-	-	88	88	88	17	105	-	-	-	2,422	2,422	2,422	-	28	28
LOWER LEG	-	-	-	17	17	17	11	28	-	-	-	575	575	575	-	34	34
ANKLE	-	-	-	65	65	65	10	75	-	-	-	1,581	1,581	1,581	-	24	24
FOOT	-	-	-	72	72	72	15	87	-	-	-	1,554	1,554	1,554	-	22	22
TOE(S)	-	-	1	21	22	22	10	32	-	-	600	355	955	955	600	17	43
LOWER EXTREMITIES, NEC	-	-	-	17	17	17	9	26	-	-	-	366	366	366	-	22	22
BODY SYSTEMS	2	-	-	3	3	5	4	9	12,000	-	-	14	14	12,014	-	5	2,403
MULTIPLE PARTS OF BODY	7	-	-	73	73	80	20	100	42,000	-	-	4,659	4,659	46,659	-	64	583
TOTAL OR AVERAGE	10	1	25	996	1,022	1,032	717	1,749	60,000	6,000	7,770	25,391	39,161	99,161	311	25	96
INDEPENDENT SHOPS:																	
HEAD, NEC	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
WRIST	-	-	-	1	1	1	1	2	-	-	-	19	19	19	-	19	19
HAND	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
FINGER(S)	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
BACK	-	-	-	5	5	5	-	5	-	-	-	61	61	61	-	12	12
PELVIC REGION	-	-	1	-	1	1	-	1	-	-	50	-	50	50	50	-	50
THIGH	-	-	-	1	1	1	-	1	-	-	-	12	12	12	-	12	12
KNEE	-	-	-	1	1	1	-	1	-	-	-	32	32	32	-	32	32
MULTIPLE PARTS OF BODY	-	-	-	2	2	2	1	3	-	-	-	10	10	10	-	5	5
TOTAL OR AVERAGE	-	-	1	11	12	12	6	18	-	-	50	135	185	185	50	12	15

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TABLE 9. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
PROCESSING PLANTS:																	
EAR	-	-	-	-	-	-	5	5	-	-	-	-	-	-	-	-	-
EYE	-	-	-	21	21	21	24	45	-	-	-	53	53	53	-	3	3
JAW	-	-	-	1	1	1	6	7	-	-	-	34	34	34	-	34	34
MOUTH/TEETH/TONGUE	-	-	-	-	-	-	14	14	-	-	-	-	-	-	-	-	-
NOSE	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
SCALP	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
SKULL	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FACE, NEC	-	-	-	3	3	3	5	8	-	-	-	175	175	175	-	58	58
HEAD, NEC	-	-	-	8	8	8	19	27	-	-	-	55	55	55	-	7	7
NECK	-	-	-	12	12	12	1	13	-	-	-	119	119	119	-	10	10
UPPER ARM	-	-	-	3	3	3	1	4	-	-	-	62	62	62	-	21	21
ELBOW	-	-	-	13	13	13	8	21	-	-	-	521	521	521	-	40	40
FOREARM	-	-	-	7	7	7	14	21	-	-	-	184	184	184	-	26	26
WRIST	-	-	-	15	15	15	15	30	-	-	-	497	497	497	-	33	33
HAND	-	-	-	18	18	18	38	56	-	-	-	321	321	321	-	18	18
FINGER(S)	-	-	4	66	70	70	171	241	-	-	475	1,598	2,073	2,073	119	24	30
UPPER EXTREMITIES, NEC	-	-	-	6	6	6	6	12	-	-	-	130	130	130	-	22	22
ABDOMEN	-	-	-	1	1	1	-	1	-	-	-	29	29	29	-	29	29
BACK	-	-	-	94	94	94	21	115	-	-	-	3,242	3,242	3,242	-	34	34
CHEST	-	-	-	15	15	15	9	24	-	-	-	424	424	424	-	28	28
PELVIC REGION	-	-	6	15	21	21	-	21	-	-	300	311	611	611	50	21	29
SHOULDER(S)	-	-	-	20	20	20	3	23	-	-	-	323	323	323	-	16	16
TRUNK, NEC	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
THIGH	-	-	-	1	1	1	3	4	-	-	-	7	7	7	-	7	7
KNEE	-	-	-	47	47	47	10	57	-	-	-	1,782	1,782	1,782	-	38	38
LOWER LEG	-	-	-	8	8	8	7	15	-	-	-	142	142	142	-	18	18
ANKLE	-	-	-	38	38	38	2	40	-	-	-	723	723	723	-	19	19
FOOT	-	-	-	29	29	29	12	41	-	-	-	533	533	533	-	18	18
TOE(S)	-	-	-	5	5	5	4	9	-	-	-	95	95	95	-	19	19
LOWER EXTREMITIES, NEC	-	-	-	10	10	10	9	19	-	-	-	108	108	108	-	11	11
BODY SYSTEMS	-	-	-	9	9	9	3	12	-	-	-	293	293	293	-	33	33
MULTIPLE PARTS OF BODY	4	-	-	38	38	42	13	55	24,000	-	-	3,629	3,629	27,629	-	96	658
UNCLASSIFIED	-	-	-	1	1	1	-	1	-	-	-	8	8	8	-	8	8
TOTAL OR AVERAGE	4	-	10	504	514	518	431	949	24,000	-	775	15,398	16,173	40,173	78	31	78

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TABLE 9. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																	
EAR	-	-	-	3	3	3	11	14	-	-	-	164	164	164	-	55	55
EYE	-	-	-	53	53	53	75	128	-	-	-	158	158	158	-	3	3
JAW	-	-	-	6	6	6	14	20	-	-	-	138	138	138	-	23	23
MOUTH/TEETH/TONGUE	-	-	-	2	2	2	44	46	-	-	-	17	17	17	-	8	8
NOSE	-	-	-	1	1	1	10	11	-	-	-	3	3	3	-	3	3
SCALP	-	-	-	-	-	-	9	9	-	-	-	-	-	-	-	-	-
SKULL	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
FACE, NEC	-	-	-	11	11	11	18	29	-	-	-	235	235	235	-	21	21
HEAD, NEC	-	-	1	24	25	25	54	79	-	-	1,500	346	1,846	1,846	1,500	14	74
NECK	-	-	-	30	30	30	9	39	-	-	-	581	581	581	-	19	19
UPPER ARM	-	-	-	5	5	5	2	7	-	-	-	94	94	94	-	19	19
ELBOW	-	-	-	26	26	26	26	52	-	-	-	703	703	703	-	27	27
FOREARM	-	-	-	25	25	25	36	61	-	-	-	822	822	822	-	33	33
WRIST	-	-	-	42	42	42	39	81	-	-	-	1,406	1,406	1,406	-	33	33
HAND	-	-	-	58	58	58	100	158	-	-	-	991	991	991	-	17	17
FINGER(S)	-	-	14	154	168	168	424	592	-	-	5,245	3,203	8,448	8,448	375	21	50
UPPER EXTREMITIES, NEC	-	-	-	22	22	22	27	49	-	-	-	520	520	520	-	24	24
ABDOMEN	-	-	-	5	5	5	1	6	-	-	-	125	125	125	-	25	25
BACK	-	1	-	317	318	318	52	370	-	6,000	-	8,280	14,280	14,280	-	26	45
CHEST	1	-	1	45	46	47	23	70	6,000	-	300	810	1,110	7,110	300	18	151
PELVIC REGION	-	-	19	41	60	60	5	65	-	-	950	1,081	2,031	2,031	50	26	34
SHOULDER(S)	-	-	-	68	68	68	7	75	-	-	-	1,547	1,547	1,547	-	23	23
TRUNK, NEC	-	-	-	18	18	18	3	21	-	-	-	685	685	685	-	38	38
THIGH	-	-	-	11	11	11	6	17	-	-	-	134	134	134	-	12	12
KNEE	-	-	-	136	136	136	27	163	-	-	-	4,236	4,236	4,236	-	31	31
LOWER LEG	-	-	-	25	25	25	18	43	-	-	-	717	717	717	-	29	29
ANKLE	-	-	-	103	103	103	12	115	-	-	-	2,304	2,304	2,304	-	22	22
FOOT	-	-	-	101	101	101	27	128	-	-	-	2,087	2,087	2,087	-	21	21
TOE(S)	-	-	1	26	27	27	14	41	-	-	600	450	1,050	1,050	600	17	39
LOWER EXTREMITIES, NEC	-	-	-	27	27	27	18	45	-	-	-	474	474	474	-	18	18
BODY SYSTEMS	2	-	-	12	12	14	7	21	12,000	-	-	307	307	12,307	-	26	879
MULTIPLE PARTS OF BODY	11	-	-	113	113	124	34	158	66,000	-	-	8,298	8,298	74,298	-	73	599
UNCLASSIFIED	-	-	-	1	1	1	-	1	-	-	-	8	8	8	-	8	8
TOTAL OR AVERAGE	14	1	36	1,511	1,548	1,562	1,154	2,716	84,000	6,000	8,595	40,924	55,519	139,519	239	27	89
OFFICE:																	
FACE, NEC	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HEAD, NEC	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
NECK	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
ELBOW	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
WRIST	-	-	-	1	1	1	-	1	-	-	-	127	127	127	-	127	127
FINGER(S)	-	-	-	2	2	2	4	6	-	-	-	184	184	184	-	92	92
BACK	-	-	-	4	4	4	-	4	-	-	-	65	65	65	-	16	16
PELVIC REGION	-	-	-	2	2	2	-	2	-	-	-	56	56	56	-	28	28
SHOULDER(S)	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
TOE(S)	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
BODY SYSTEMS	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
TOTAL OR AVERAGE	-	-	-	12	12	12	8	20	-	-	-	443	443	443	-	37	37

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TABLE 9. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
GRAND TOTAL OR AVERAGE:																	
EAR	-	-	-	3	3	3	11	14	-	-	-	164	164	164	-	55	55
EYE	-	-	-	53	53	53	75	128	-	-	-	158	158	158	-	3	3
JAW	-	-	-	6	6	6	14	20	-	-	-	138	138	138	-	23	23
MOUTH/TEETH/TONGUE	-	-	-	2	2	2	44	46	-	-	-	17	17	17	-	8	8
NOSE	-	-	-	1	1	1	10	11	-	-	-	3	3	3	-	3	3
SCALP	-	-	-	-	-	-	9	9	-	-	-	-	-	-	-	-	-
SKULL	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
FACE, NEC	-	-	-	11	11	11	19	30	-	-	-	235	235	235	-	21	21
HEAD, NEC	-	-	1	24	25	25	55	80	-	-	1,500	346	1,846	1,846	1,500	14	74
NECK	-	-	-	31	31	31	9	40	-	-	-	585	585	585	-	19	19
UPPER ARM	-	-	-	5	5	5	2	7	-	-	-	94	94	94	-	19	19
ELBOW	-	-	-	26	26	26	27	53	-	-	-	703	703	703	-	27	27
FOREARM	-	-	-	25	25	25	36	61	-	-	-	822	822	822	-	33	33
WRIST	-	-	-	43	43	43	39	82	-	-	-	1,533	1,533	1,533	-	36	36
HAND	-	-	-	58	58	58	100	158	-	-	-	991	991	991	-	17	17
FINGER(S)	-	-	14	156	170	170	428	598	-	-	5,245	3,387	8,632	8,632	375	22	51
UPPER EXTREMITIES, NEC	-	-	-	22	22	22	27	49	-	-	-	520	520	520	-	24	24
ABDOMEN	-	-	-	5	5	5	1	6	-	-	-	125	125	125	-	25	25
BACK	-	1	-	321	322	322	52	374	-	6,000	-	8,345	14,345	14,345	-	26	45
CHEST	1	-	1	45	46	47	23	70	6,000	-	300	810	1,110	7,110	300	18	151
PELVIC REGION	-	-	19	43	62	62	5	67	-	-	950	1,137	2,087	2,087	50	26	34
SHOULDER(S)	-	-	-	69	69	69	7	76	-	-	-	1,551	1,551	1,551	-	22	22
TRUNK, NEC	-	-	-	18	18	18	3	21	-	-	-	685	685	685	-	38	38
THIGH	-	-	-	11	11	11	6	17	-	-	-	134	134	134	-	12	12
KNEE	-	-	-	136	136	136	27	163	-	-	-	4,236	4,236	4,236	-	31	31
LOWER LEG	-	-	-	25	25	25	18	43	-	-	-	717	717	717	-	29	29
ANKLE	-	-	-	103	103	103	12	115	-	-	-	2,304	2,304	2,304	-	22	22
FOOT	-	-	-	101	101	101	27	128	-	-	-	2,087	2,087	2,087	-	21	21
TOE(S)	-	-	1	26	27	27	15	42	-	-	600	450	1,050	1,050	600	17	39
LOWER EXTREMITIES, NEC	-	-	-	27	27	27	18	45	-	-	-	474	474	474	-	18	18
BODY SYSTEMS	2	-	-	13	13	15	7	22	12,000	-	-	310	310	12,310	-	24	821
MULTIPLE PARTS OF BODY	11	-	-	113	113	124	34	158	66,000	-	-	8,298	8,298	74,298	-	73	599
UNCLASSIFIED	-	-	-	1	1	1	-	1	-	-	-	8	8	8	-	8	8
TOTAL OR AVERAGE	14	1	36	1,523	1,560	1,574	1,162	2,736	84,000	6,000	8,595	41,367	55,962	139,962	239	27	89

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TABLE 10. - NUMBER OF INJURIES, INCIDENCE RATES, AND SEVERITY MEASURES BY DEGREE FOR WORK LOCATION AND NATURE OF INJURY AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983

WORK LOCATION AND NATURE OF INJURY	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL											
		TOTAL	PARTIAL													
UNDERGROUND MINES:																
UNDERGROUND:																
AMPUTATION/ENUCLEATION	-	-	6	-	6	6	-	6	-	.07	.07	-	.07	-	35	35
ASPHYXIATION/DROWNING	-	-	-	1	1	1	3	4	-	.01	.01	.04	.05	-	(*)	(*)
BURN/SCALD (NOT CHEM.)	-	-	-	2	2	2	3	5	-	.02	.02	.04	.06	-	(*)	(*)
CHEMICAL BURN	-	-	-	3	3	3	2	5	-	.04	.04	.02	.06	-	(*)	(*)
CONCUSSION (CEREBRAL)	-	-	-	1	1	1	-	1	-	.01	.01	-	.01	-	1	1
CONTUSION OR BRUISE	2	-	-	116	116	118	32	150	.02	1.42	1.44	.39	1.83	147	23	169
CUT OR PUNCTURE	-	-	-	79	79	79	264	343	-	.97	.97	3.23	4.19	-	14	14
DISLOCATION	-	-	-	9	9	9	1	10	-	.11	.11	.01	.12	-	4	4
DUST IN EYE	-	-	-	9	9	9	15	24	-	.11	.11	.18	.29	-	(*)	(*)
ELECTRIC SHOCK	1	-	-	-	-	1	-	1	.01	-	.01	-	.01	73	-	73
ELECT. BURN (CONTACT)	-	-	-	-	-	-	1	1	-	-	-	.01	.01	-	-	-
FRACTURE	-	1	-	105	106	106	42	148	-	1.30	1.30	.51	1.81	-	129	129
HERNIA (NOT DISC)	-	-	7	1	8	8	-	8	-	.10	.10	-	.10	-	5	5
POISONING (SYSTEMIC)	-	-	-	1	1	1	-	1	-	.01	.01	-	.01	-	(*)	(*)
RADIATION/ULTRA VIOLET	-	-	-	1	1	1	1	2	-	.01	.01	.01	.02	-	(*)	(*)
SCRATCH/ABRASION	-	-	-	5	5	5	5	10	-	.06	.06	.06	.12	-	(*)	(*)
STRAIN/SPRAIN	-	-	-	166	166	166	34	200	-	2.03	2.03	.42	2.44	-	46	46
MULTIPLE INJURIES	3	-	1	96	97	100	35	135	.04	1.19	1.22	.43	1.65	220	51	271
OTHER INJURY, NEC	-	-	-	3	3	3	2	5	-	.04	.04	.02	.06	-	1	1
UNCLASSIFIED (NO DATA)	-	-	-	18	18	18	7	25	-	.22	.22	.09	.31	-	7	7
TOTAL OR AVERAGE	6	1	14	616	631	637	447	1,084	.07	7.71	7.79	5.46	13.25	440	316	756
SURFACE AT UNDERGROUND:																
AMPUTATION/ENUCLEATION	-	-	2	-	2	2	-	2	-	.08	.08	-	.08	-	64	64
BURN/SCALD (NOT CHEM.)	-	-	-	-	-	-	1	1	-	-	-	.04	.04	-	-	-
CHEMICAL BURN	-	-	-	1	1	1	-	1	-	.04	.04	-	.04	-	(*)	(*)
CONTUSION OR BRUISE	-	-	-	5	5	5	5	10	-	.19	.19	.19	.38	-	2	2
CUT OR PUNCTURE	-	-	-	9	9	9	31	40	-	.34	.34	1.17	1.52	-	2	2
DUST IN EYE	-	-	-	-	-	-	5	5	-	-	-	.19	.19	-	-	-
ELECTRIC SHOCK	1	-	-	-	-	1	-	1	.04	-	.04	-	.04	227	-	227
FRACTURE	-	-	-	10	10	10	8	18	-	.38	.38	.30	.68	-	24	24
HERNIA (NOT DISC)	-	-	1	-	1	1	-	1	-	.04	.04	-	.04	-	2	2
RADIATION/ULTRA VIOLET	-	-	-	1	1	1	2	3	-	.04	.04	.08	.11	-	4	4
STRAIN/SPRAIN	-	-	-	25	25	25	6	31	-	.95	.95	.23	1.17	-	17	17
MULTIPLE INJURIES	-	-	-	2	2	2	5	7	-	.08	.08	.19	.27	-	1	1
OTHER INJURY, NEC	-	-	-	2	2	2	-	2	-	.08	.08	-	.08	-	10	10
UNCLASSIFIED (NO DATA)	-	-	-	1	1	1	2	3	-	.04	.04	.08	.11	-	(*)	(*)
TOTAL OR AVERAGE	1	-	3	56	59	60	65	125	.04	2.24	2.27	2.46	4.74	227	126	354

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TABLE 10. - NUMBER OF INJURIES, INCIDENCE RATES, AND SEVERITY MEASURES BY DEGREE FOR WORK LOCATION AND NATURE OF INJURY AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND NATURE OF INJURY	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES		
	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL
		PERMANENT		TEMPORARY												
		TOTAL	PARTIAL													
TOTAL OR AVERAGE, UG:																
AMPUTATION/ENUCLEATION	-	-	8	-	8	8	-	8	-	.07	.07	-	.07	-	42	42
ASPHYXIATION/DROWNING	-	-	-	1	1	1	3	4	-	.01	.01	.03	.04	-	(*)	(*)
BURN/SCALD (NOT CHEM.)	-	-	-	2	2	2	4	6	-	.02	.02	.04	.06	-	(*)	(*)
CHEMICAL BURN	-	-	-	4	4	4	2	6	-	.04	.04	.02	.06	-	(*)	(*)
CONCUSSION (CEREBRAL)	-	-	-	1	1	1	-	1	-	.01	.01	-	.01	-	1	1
CONTUSION OR BRUISE	2	-	-	121	121	123	37	160	.02	1.12	1.14	.34	1.48	111	17	128
CUT OR PUNCTURE	-	-	-	88	88	88	295	383	-	.81	.81	2.73	3.54	-	11	11
DISLOCATION	-	-	-	9	9	9	1	10	-	.08	.08	.01	.09	-	3	3
DUST IN EYE	-	-	-	9	9	9	20	29	-	.08	.08	.18	.27	-	(*)	(*)
ELECTRIC SHOCK	2	-	-	-	-	2	-	2	.02	-	.02	-	.02	111	-	111
ELECT. BURN (CONTACT)	-	-	-	-	-	-	1	1	-	-	-	.01	.01	-	-	-
FRACTURE	-	1	-	115	116	116	50	166	-	1.07	1.07	.46	1.53	-	104	104
HERNIA (NOT DISC)	-	-	8	1	9	9	-	9	-	.08	.08	-	.08	-	4	4
POISONING (SYSTEMIC)	-	-	-	1	1	1	-	1	-	.01	.01	-	.01	-	(*)	(*)
RADIATION/ULTRA VIOLET	-	-	-	2	2	2	3	5	-	.02	.02	.03	.05	-	1	1
SCRATCH/ABRASION	-	-	-	5	5	5	5	10	-	.05	.05	.05	.09	-	(*)	(*)
STRAIN/SPRAIN	-	-	-	191	191	191	40	231	-	1.77	1.77	.37	2.13	-	39	39
MULTIPLE INJURIES	3	-	1	98	99	102	40	142	.03	.91	.94	.37	1.31	166	39	205
OTHER INJURY, NEC	-	-	-	5	5	5	2	7	-	.05	.05	.02	.06	-	3	3
UNCLASSIFIED (NO DATA)	-	-	-	19	19	19	9	28	-	.18	.18	.08	.26	-	5	5
TOTAL OR AVERAGE	7	1	17	672	690	697	512	1,209	.06	6.38	6.44	4.73	11.17	388	270	658
SURFACE MINES:																
OPEN PIT:																
AMPUTATION/ENUCLEATION	-	-	2	-	2	2	-	2	-	.02	.02	-	.02	-	3	3
BURN/SCALD (NOT CHEM.)	-	-	-	10	10	10	1	11	-	.08	.08	.01	.09	-	1	1
CHEMICAL BURN	-	-	-	1	1	1	1	2	-	.01	.01	.01	.02	-	(*)	(*)
CONCUSSION (CEREBRAL)	-	-	-	1	1	1	-	1	-	.01	.01	-	.01	-	(*)	(*)
CONTUSION OR BRUISE	1	-	1	30	31	32	9	41	.01	.26	.27	.08	.35	51	7	58
CUT OR PUNCTURE	-	-	-	20	20	20	108	128	-	.17	.17	.91	1.08	-	2	2
DISLOCATION	-	-	-	3	3	3	-	3	-	.03	.03	-	.03	-	1	1
DUST IN EYE	-	-	-	2	2	2	4	6	-	.02	.02	.03	.05	-	(*)	(*)
ELECTRIC SHOCK	-	-	-	1	1	1	-	1	-	.01	.01	-	.01	-	(*)	(*)
FRACTURE	-	-	-	49	49	49	37	86	-	.41	.41	.31	.73	-	14	14
HEAT/SUNSTROKE	-	-	-	-	-	-	1	1	-	-	-	.01	.01	-	-	-
HERNIA (NOT DISC)	-	-	4	-	4	4	-	4	-	.03	.03	-	.03	-	2	2
RADIATION/ULTRA VIOLET	-	-	-	4	4	4	-	4	-	.03	.03	-	.03	-	(*)	(*)
SCRATCH/ABRASION	-	-	-	2	2	2	-	2	-	.02	.02	-	.02	-	(*)	(*)
STRAIN/SPRAIN	-	-	-	147	147	147	12	159	-	1.24	1.24	.10	1.35	-	26	26
MULTIPLE INJURIES	2	-	1	29	30	32	21	53	.02	.25	.27	.18	.45	102	23	124
OTHER INJURY, NEC	-	-	-	2	2	2	1	3	-	.02	.02	.01	.03	-	(*)	(*)
UNCLASSIFIED (NO DATA)	-	-	-	7	7	7	4	11	-	.06	.06	.03	.09	-	3	3
TOTAL OR AVERAGE	3	-	8	308	316	319	199	518	.03	2.67	2.70	1.68	4.38	152	82	235

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TABLE 10. - NUMBER OF INJURIES, INCIDENCE RATES, AND SEVERITY MEASURES BY DEGREE FOR WORK LOCATION AND NATURE OF INJURY AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND NATURE OF INJURY	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL											
		TOTAL	PARTIAL													
DREDGE:																
BURN/SCALD (NOT CHEM.)	-	-	-	2	2	2	-	2	-	.59	.59	-	.59	-	2	2
CONTUSION OR BRUISE	-	-	-	1	1	1	-	1	-	.29	.29	-	.29	-	2	2
CUT OR PUNCTURE	-	-	-	2	2	2	3	5	-	.59	.59	.88	1.47	-	2	2
FRACTURE	-	-	-	-	-	-	2	2	-	-	-	.59	.59	-	-	-
RADIATION/ULTRA VIOLET	-	-	-	-	-	-	1	1	-	-	-	.29	.29	-	-	-
STRAIN/SPRAIN	-	-	-	10	10	10	-	10	-	2.93	2.93	-	2.93	-	63	63
MULTIPLE INJURIES	-	-	-	1	1	1	-	1	-	.29	.29	-	.29	-	(*)	(*)
TOTAL OR AVERAGE	-	-	-	16	16	16	6	22	-	4.69	4.69	1.76	6.45	-	70	70
TOTAL OR AVERAGE, SURFACE:																
AMPUTATION/ENUCLEATION	-	-	2	-	2	2	-	2	-	.02	.02	-	.02	-	3	3
BURN/SCALD (NOT CHEM.)	-	-	-	12	12	12	1	13	-	.10	.10	.01	.11	-	1	1
CHEMICAL BURN	-	-	-	1	1	1	1	2	-	.01	.01	.01	.02	-	(*)	(*)
CONCUSSION (CEREBRAL)	-	-	-	1	1	1	-	1	-	.01	.01	-	.01	-	(*)	(*)
CONTUSION OR BRUISE	1	-	1	31	32	33	9	42	.01	.26	.27	.07	.35	49	7	56
CUT OR PUNCTURE	-	-	-	22	22	22	111	133	-	.18	.18	.91	1.09	-	2	2
DISLOCATION	-	-	-	3	3	3	-	3	-	.02	.02	-	.02	-	1	1
DUST IN EYE	-	-	-	2	2	2	4	6	-	.02	.02	.03	.05	-	(*)	(*)
ELECTRIC SHOCK	-	-	-	1	1	1	-	1	-	.01	.01	-	.01	-	(*)	(*)
FRACTURE	-	-	-	49	49	49	39	88	-	.40	.40	.32	.72	-	13	13
HEAT/SUNSTROKE	-	-	-	-	-	-	1	1	-	-	-	.01	.01	-	-	-
HERNIA (NOT DISC)	-	-	4	-	4	4	-	4	-	.03	.03	-	.03	-	2	2
RADIATION/ULTRA VIOLET	-	-	-	4	4	4	1	5	-	.03	.03	.01	.04	-	(*)	(*)
SCRATCH/ABRASION	-	-	-	2	2	2	-	2	-	.02	.02	-	.02	-	(*)	(*)
STRAIN/SPRAIN	-	-	-	157	157	157	12	169	-	1.29	1.29	.10	1.39	-	27	27
MULTIPLE INJURIES	2	-	1	30	31	33	21	54	.02	.25	.27	.17	.44	99	22	121
OTHER INJURY, NEC	-	-	-	2	2	2	1	3	-	.02	.02	.01	.02	-	(*)	(*)
UNCLASSIFIED (NO DATA)	-	-	-	7	7	7	4	11	-	.06	.06	.03	.09	-	3	3
TOTAL OR AVERAGE	3	-	8	324	332	335	205	540	.02	2.73	2.75	1.69	4.44	148	82	230

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TABLE 10. - NUMBER OF INJURIES, INCIDENCE RATES, AND SEVERITY MEASURES BY DEGREE FOR WORK LOCATION AND NATURE OF INJURY AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND NATURE OF INJURY	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL											
		TOTAL	PARTIAL													
TOTAL OR AVERAGE, MINING:																
AMPUTATION/ENUCLEATION	-	-	10	-	10	10	-	10	-	.04	.04	-	.04	-	21	21
ASPHYXIATION/DROWNING	-	-	-	1	1	1	3	4	-	(*)	(*)	.01	.02	-	(*)	(*)
BURN/SCALD (NOT CHEM.)	-	-	-	14	14	14	5	19	-	.06	.06	.02	.08	-	1	1
CHEMICAL BURN	-	-	-	5	5	5	3	8	-	.02	.02	.01	.03	-	(*)	(*)
CONCUSSION (CEREBRAL)	-	-	-	2	2	2	-	2	-	.01	.01	-	.01	-	1	1
CONTUSION OR BRUISE	3	-	1	152	153	156	46	202	.01	.67	.68	.20	.88	78	12	90
CUT OR PUNCTURE	-	-	-	110	110	110	406	516	-	.48	.48	1.77	2.25	-	6	6
DISLOCATION	-	-	-	12	12	12	1	13	-	.05	.05	(*)	.06	-	2	2
DUST IN EYE	-	-	-	11	11	11	24	35	-	.05	.05	.10	.15	-	(*)	(*)
ELECTRIC SHOCK	2	-	-	1	1	3	-	3	.01	(*)	.01	-	.01	52	(*)	52
ELECT. BURN (CONTACT)	-	-	-	-	-	-	1	1	-	-	-	(*)	(*)	-	-	-
FRACTURE	-	1	-	164	165	165	89	254	-	.72	.72	.39	1.11	-	56	56
HEAT/SUNSTROKE	-	-	-	-	-	-	1	1	-	-	-	(*)	(*)	-	-	-
HERNIA (NOT DISC)	-	-	12	1	13	13	-	13	-	.06	.06	-	.06	-	3	3
POISONING (SYSTEMIC)	-	-	-	1	1	1	-	1	-	(*)	(*)	-	(*)	-	(*)	(*)
RADIATION/ULTRA VIOLET	-	-	-	6	6	6	4	10	-	.03	.03	.02	.04	-	1	1
SCRATCH/ABRASION	-	-	-	7	7	7	5	12	-	.03	.03	.02	.05	-	(*)	(*)
STRAIN/SPRAIN	-	-	-	348	348	348	52	400	-	1.51	1.51	.23	1.74	-	33	33
MULTIPLE INJURIES	5	-	2	128	130	135	61	196	.02	.57	.59	.27	.85	131	30	160
OTHER INJURY, NEC	-	-	-	7	7	7	3	10	-	.03	.03	.01	.04	-	2	2
UNCLASSIFIED (NO DATA)	-	-	-	26	26	26	13	39	-	.11	.11	.06	.17	-	4	4
TOTAL OR AVERAGE	10	1	25	996	1,022	1,032	717	1,749	.04	4.45	4.49	3.12	7.61	261	170	431
INDEPENDENT SHOPS:																
CONTUSION OR BRUISE	-	-	-	1	1	1	1	2	-	.13	.13	.13	.27	-	2	2
CUT OR PUNCTURE	-	-	-	-	-	-	5	5	-	-	-	.67	.67	-	-	-
FRACTURE	-	-	-	2	2	2	-	2	-	.27	.27	-	.27	-	7	7
HERNIA (NOT DISC)	-	-	1	-	1	1	-	1	-	.13	.13	-	.13	-	7	7
STRAIN/SPRAIN	-	-	-	6	6	6	-	6	-	.80	.80	-	.80	-	9	9
MULTIPLE INJURIES	-	-	-	2	2	2	-	2	-	.27	.27	-	.27	-	1	1
TOTAL OR AVERAGE	-	-	1	11	12	12	6	18	-	1.60	1.60	.80	2.40	-	25	25

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TABLE 10. - NUMBER OF INJURIES, INCIDENCE RATES, AND SEVERITY MEASURES BY DEGREE FOR WORK LOCATION AND NATURE OF INJURY AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND NATURE OF INJURY	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL											
		TOTAL	PARTIAL													
PROCESSING PLANTS:																
AMPUTATION/ENUCLEATION	-	-	4	-	4	4	-	4	-	.02	.02	-	.02	-	3	3
BURN/SCALD (NOT CHEM.)	1	-	-	10	10	11	12	23	.01	.06	.06	.07	.13	34	3	36
CHEMICAL BURN	-	-	-	27	27	27	16	43	-	.15	.15	.09	.24	-	2	2
CONCUSSION (CEREBRAL)	-	-	-	2	2	2	-	2	-	.01	.01	-	.01	-	(*)	(*)
CONTUSION OR BRUISE	2	-	-	75	75	77	30	107	.01	.42	.43	.17	.60	67	10	77
CUT OR PUNCTURE	-	-	-	47	47	47	219	266	-	.26	.26	1.23	1.49	-	5	5
DISLOCATION	-	-	-	5	5	5	1	6	-	.03	.03	.01	.03	-	(*)	(*)
DUST IN EYE	-	-	-	4	4	4	7	11	-	.02	.02	.04	.06	-	(*)	(*)
ELECTRIC SHOCK	-	-	-	1	1	1	-	1	-	.01	.01	-	.01	-	(*)	(*)
ELECT. BURN (CONTACT)	-	-	-	1	1	1	-	1	-	.01	.01	-	.01	-	1	1
FRACTURE	-	-	-	71	71	71	55	126	-	.40	.40	.31	.71	-	16	16
HEARING IMPAIRMENT	-	-	-	-	-	-	1	1	-	-	-	.01	.01	-	-	-
HERNIA (NOT DISC)	-	-	6	4	10	10	-	10	-	.06	.06	-	.06	-	2	2
POISONING (SYSTEMIC)	-	-	-	8	8	8	3	11	-	.04	.04	.02	.06	-	2	2
RADIATION/ULTRA VIOLET	-	-	-	3	3	3	1	4	-	.02	.02	.01	.02	-	(*)	(*)
SCRATCH/ABRASION	-	-	-	5	5	5	4	9	-	.03	.03	.02	.05	-	(*)	(*)
STRAIN/SPRAIN	-	-	-	174	174	174	30	204	-	.97	.97	.17	1.14	-	26	26
MULTIPLE INJURIES	1	-	-	47	47	48	45	93	.01	.26	.27	.25	.52	34	17	50
OTHER INJURY, NEC	-	-	-	4	4	4	2	6	-	.02	.02	.01	.03	-	1	1
UNCLASSIFIED (NO DATA)	-	-	-	16	16	16	5	21	-	.09	.09	.03	.12	-	3	3
TOTAL OR AVERAGE	4	-	10	504	514	518	431	949	.02	2.88	2.90	2.41	5.31	134	91	225

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TABLE 10. - NUMBER OF INJURIES, INCIDENCE RATES, AND SEVERITY MEASURES BY DEGREE FOR WORK LOCATION AND NATURE OF INJURY AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND NATURE OF INJURY	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL											
		TOTAL	PARTIAL													
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																
AMPUTATION/ENUCLEATION	-	-	14	-	14	14	-	14	-	.03	.03	-	.03	-	13	13
ASPHYXIATION/DROWNING	-	-	-	1	1	1	3	4	-	(*)	(*)	.01	.01	-	(*)	(*)
BURN/SCALD (NOT CHEM)	1	-	-	24	24	25	17	42	(*)	.06	.06	.04	.10	14	1	16
CHEMICAL BURN	-	-	-	32	32	32	19	51	-	.08	.08	.05	.12	-	1	1
CONCUSSION (CEREBRAL)	-	-	-	4	4	4	-	4	-	.01	.01	-	.01	-	(*)	(*)
CONTUSION OR BRUISE	5	-	1	228	229	234	77	311	.01	.55	.56	.19	.75	72	11	83
CUT OR PUNCTURE	-	-	-	157	157	157	630	787	-	.38	.38	1.51	1.89	-	6	6
DISLOCATION	-	-	-	17	17	17	2	19	-	.04	.04	(*)	.05	-	1	1
DUST IN EYE	-	-	-	15	15	15	31	46	-	.04	.04	.07	.11	-	(*)	(*)
ELECTRIC SHOCK	2	-	-	2	2	4	-	4	(*)	(*)	.01	-	.01	29	(*)	29
ELECT. BURN (CONTACT)	-	-	-	1	1	1	1	2	-	(*)	(*)	(*)	(*)	-	(*)	(*)
FRACTURE	-	1	-	237	238	238	144	382	-	.57	.57	.35	.92	-	38	38
HEARING IMPAIRMENT	-	-	-	-	-	-	1	1	-	-	-	(*)	(*)	-	-	-
HEAT/SUNSTROKE	-	-	-	-	-	-	1	1	-	-	-	(*)	(*)	-	-	-
HERNIA (NOT DISC)	-	-	19	5	24	24	-	24	-	.06	.06	-	.06	-	3	3
POISONING (SYSTEMIC)	-	-	-	9	9	9	3	12	-	.02	.02	.01	.03	-	1	1
RADIATION/ULTRA VIOLET	-	-	-	9	9	9	5	14	-	.02	.02	.01	.03	-	(*)	(*)
SCRATCH/ABRASION	-	-	-	12	12	12	9	21	-	.03	.03	.02	.05	-	(*)	(*)
STRAIN/SPRAIN	-	-	-	528	528	528	82	610	-	1.27	1.27	.20	1.47	-	30	30
MULTIPLE INJURIES	6	-	2	177	179	185	106	291	.01	.43	.44	.25	.70	87	24	110
OTHER INJURY, NEC	-	-	-	11	11	11	5	16	-	.03	.03	.01	.04	-	1	1
UNCLASSIFIED (NO DATA)	-	-	-	42	42	42	18	60	-	.10	.10	.04	.14	-	3	3
TOTAL OR AVERAGE	14	1	36	1,511	1,548	1,562	1,154	2,716	.03	3.72	3.76	2.77	6.53	202	133	335
OFFICE:																
CONTUSION OR BRUISE	-	-	-	1	1	1	-	1	-	.02	.02	-	.02	-	(*)	(*)
CUT OR PUNCTURE	-	-	-	-	-	-	7	7	-	-	-	.11	.11	-	-	-
FRACTURE	-	-	-	1	1	1	1	2	-	.02	.02	.02	.03	-	(*)	(*)
HERNIA (NOT DISC)	-	-	-	1	1	1	-	1	-	.02	.02	-	.02	-	1	1
POISONING (SYSTEMIC)	-	-	-	1	1	1	-	1	-	.02	.02	-	.02	-	(*)	(*)
STRAIN/SPRAIN	-	-	-	7	7	7	-	7	-	.11	.11	-	.11	-	3	3
MULTIPLE INJURIES	-	-	-	1	1	1	-	1	-	.02	.02	-	.02	-	3	3
TOTAL OR AVERAGE	-	-	-	12	12	12	8	20	-	.18	.18	12	.30	-	7	7

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TABLE 10. - NUMBER OF INJURIES, INCIDENCE RATES, AND SEVERITY MEASURES BY DEGREE FOR WORK LOCATION AND NATURE OF INJURY AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND NATURE OF INJURY	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL											
		TOTAL	PARTIAL													
GRAND TOTAL OR AVERAGE:																
AMPUTATION/ENUCLEATION	-	-	14	-	14	14	-	14	-	.03	.03	-	.03	-	11	11
ASPHYXIATION/DROWNING	-	-	-	1	1	1	3	4	-	(*)	(*)	.01	.01	-	(*)	(*)
BURN/SCALD (NOT CHEM.)	1	-	-	24	24	25	17	42	(*)	.05	.05	.04	.09	12	1	14
CHEMICAL BURN	-	-	-	32	32	32	19	51	-	.07	.07	.04	.11	-	1	1
CONCUSSION (CEREBRAL)	-	-	-	4	4	4	-	4	-	.01	.01	-	.01	-	(*)	(*)
CONTUSION OR BRUISE	5	-	1	229	230	235	77	312	.01	.48	.49	.16	.65	62	9	72
CUT OR PUNCTURE	-	-	-	157	157	157	637	794	-	.33	.33	1.32	1.65	-	5	5
DISLOCATION	-	-	-	17	17	17	2	19	-	.04	.04	(*)	.04	-	1	1
DUST IN EYE	-	-	-	15	15	15	31	46	-	.03	.03	.06	.10	-	(*)	(*)
ELECTRIC SHOCK	2	-	-	2	2	4	-	4	(*)	(*)	.01	-	.01	25	(*)	25
ELECT. BURN (CONTACT)	-	-	-	1	1	1	1	2	-	(*)	(*)	(*)	(*)	-	(*)	(*)
FRACTURE	-	1	-	238	239	239	145	384	-	.50	.50	.30	.80	-	33	33
HEARING IMPAIRMENT	-	-	-	-	-	-	1	1	-	-	-	(*)	(*)	-	-	-
HEAT/SUNSTROKE	-	-	-	-	-	-	1	1	-	-	-	(*)	(*)	-	-	-
HERNIA (NOT DISC)	-	-	19	6	25	25	-	25	-	.05	.05	-	.05	-	2	2
POISONING (SYSTEMIC)	-	-	-	10	10	10	3	13	-	.02	.02	.01	.03	-	1	1
RADIATION/ULTRA VIOLET	-	-	-	9	9	9	5	14	-	.02	.02	.01	.03	-	(*)	(*)
SCRATCH/ABRASION	-	-	-	12	12	12	9	21	-	.02	.02	.02	.04	-	(*)	(*)
STRAIN/SPRAIN	-	-	-	535	535	535	82	617	-	1.11	1.11	.17	1.28	-	26	26
MULTIPLE INJURIES	6	-	2	178	180	186	106	292	.01	.37	.39	.22	.61	75	21	95
OTHER INJURY, NEC	-	-	-	11	11	11	5	16	-	.02	.02	.01	.03	-	1	1
UNCLASSIFIED (NO DATA)	-	-	-	42	42	42	18	60	-	.09	.09	.04	.12	-	3	3
TOTAL OR AVERAGE	14	1	36	1,523	1,560	1,574	1,162	2,736	.03	3.23	3.26	2.41	5.67	174	116	290

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TABLE 11. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND NATURE OF INJURY AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983

WORK LOCATION AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY						PERMANENT		TEMPORARY					
		TOTAL	PARTIAL							TOTAL	PARTIAL						
UNDERGROUND MINES:																	
UNDERGROUND:																	
AMPUTATION/ENUCLEATION	-	-	6	-	6	6	-	6	-	-	2,840	-	2,840	2,840	473	-	473
ASPHYXIATION/DROWNING	-	-	-	1	1	1	3	4	-	-	-	5	5	5	-	5	5
BURN/SCALD (NOT CHEM.)	-	-	-	2	2	2	3	5	-	-	-	28	28	28	-	14	14
CHEMICAL BURN	-	-	-	3	3	3	2	5	-	-	-	7	7	7	-	2	2
CONCUSSION (CEREBRAL)	-	-	-	1	1	1	-	1	-	-	-	109	109	109	-	109	109
CONTUSION OR BRUISE	2	-	-	116	116	118	32	150	12,000	-	-	1,849	1,849	13,849	-	16	117
CUT OR PUNCTURE	-	-	-	79	79	79	264	343	-	-	-	1,147	1,147	1,147	-	15	15
DISLOCATION	-	-	-	9	9	9	1	10	-	-	-	362	362	362	-	40	40
DUST IN EYE	-	-	-	9	9	9	15	24	-	-	-	19	19	19	-	2	2
ELECTRIC SHOCK	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
ELECT. BURN (CONTACT)	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FRACTURE	-	1	-	105	106	106	42	148	-	6,000	-	4,566	10,566	10,566	-	43	100
HERNIA (NOT DISC)	-	-	7	1	8	8	-	8	-	-	350	33	383	383	50	33	48
POISONING (SYSTEMIC)	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
RADIATION/ULTRA VIOLET	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1
SCRATCH/ABRASION	-	-	-	5	5	5	5	10	-	-	-	10	10	10	-	2	2
STRAIN/SPRAIN	-	-	-	166	166	166	34	200	-	-	-	3,736	3,736	3,736	-	23	23
MULTIPLE INJURIES	3	-	1	96	97	100	35	135	18,000	-	300	3,860	4,160	22,160	300	40	222
OTHER INJURY, NEC	-	-	-	3	3	3	2	5	-	-	-	89	89	89	-	30	30
UNCLASSIFIED (NO DATA)	-	-	-	18	18	18	7	25	-	-	-	541	541	541	-	30	30
TOTAL OR AVERAGE	6	1	14	616	631	637	447	1,084	36,000	6,000	3,490	16,367	25,857	61,857	249	27	97
SURFACE AT UNDERGROUND:																	
AMPUTATION/ENUCLEATION	-	-	2	-	2	2	-	2	-	-	1,690	-	1,690	1,690	845	-	845
BURN/SCALD (NOT CHEM.)	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CHEMICAL BURN	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
CONTUSION OR BRUISE	-	-	-	5	5	5	5	10	-	-	-	41	41	41	-	8	8
CUT OR PUNCTURE	-	-	-	9	9	9	31	40	-	-	-	55	55	55	-	6	6
DUST IN EYE	-	-	-	-	-	-	5	5	-	-	-	-	-	-	-	-	-
ELECTRIC SHOCK	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
FRACTURE	-	-	-	10	10	10	8	18	-	-	-	638	638	638	-	64	64
HERNIA (NOT DISC)	-	-	1	-	1	1	-	1	-	-	50	-	50	50	50	-	50
RADIATION/ULTRA VIOLET	-	-	-	1	1	1	2	3	-	-	-	112	112	112	-	112	112
STRAIN/SPRAIN	-	-	-	25	25	25	6	31	-	-	-	453	453	453	-	18	18
MULTIPLE INJURIES	-	-	-	2	2	2	5	7	-	-	-	14	14	14	-	7	7
OTHER INJURY, NEC	-	-	-	2	2	2	-	2	-	-	-	270	270	270	-	135	135
UNCLASSIFIED (NO DATA)	-	-	-	1	1	1	2	3	-	-	-	3	3	3	-	3	3
TOTAL OR AVERAGE	1	-	3	56	59	60	65	125	6,000	-	1,740	1,591	3,331	9,331	580	28	156

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TABLE 11. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND NATURE OF INJURY AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES		NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL				PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL						TOTAL	PARTIAL						
TOTAL OR AVERAGE, UG:	-	-	8	-	8	8	-	8	-	-	4,530	-	4,530	4,530	566	-	566
AMPUTATION/ENUCLEATION	-	-	-	1	1	1	3	4	-	-	-	5	5	5	-	5	5
ASPHYXIATION/DROWNING	-	-	-	2	2	2	4	6	-	-	-	28	28	28	-	14	14
BURN/SCALD (NOT CHEM.)	-	-	-	4	4	4	2	6	-	-	-	12	12	12	-	3	3
CHEMICAL BURN	-	-	-	1	1	1	-	1	-	-	-	109	109	109	-	109	109
CONCUSSION (CEREBRAL)	-	-	-	121	121	123	37	160	12,000	-	-	1,890	1,890	13,890	-	16	113
CONTUSION OR BRUISE	2	-	-	88	88	88	295	383	-	-	-	1,202	1,202	1,202	-	14	14
CUT OR PUNCTURE	-	-	-	9	9	9	1	10	-	-	-	362	362	362	-	40	40
DISLOCATION	-	-	-	9	9	9	20	29	-	-	-	19	19	19	-	2	2
DUST IN EYE	-	-	-	-	-	2	-	2	12,000	-	-	-	-	12,000	-	-	6,000
ELECTRIC SHOCK	2	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
ELECT. BURN (CONTACT)	-	-	-	115	116	116	50	166	-	6,000	-	5,204	11,204	11,204	-	45	97
FRACTURE	-	1	-	1	9	9	-	9	-	-	400	33	433	433	50	33	48
HERNIA (NOT DISC)	-	-	8	1	1	1	-	1	-	-	-	5	5	5	-	5	5
POISONING (SYSTEMIC)	-	-	-	1	1	1	-	1	-	-	-	113	113	113	-	56	56
RADIATION/ULTRA VIOLET	-	-	-	2	2	2	3	5	-	-	-	10	10	10	-	2	2
SCRATCH/ABRASION	-	-	-	5	5	5	5	10	-	-	-	4,189	4,189	4,189	-	22	22
STRAIN/SPRAIN	-	-	-	191	191	191	40	231	-	-	300	3,874	4,174	22,174	300	40	217
MULTIPLE INJURIES	3	-	1	98	99	102	40	142	18,000	-	-	359	359	359	-	72	72
OTHER INJURY, NEC	-	-	-	5	5	5	2	7	-	-	-	544	544	544	-	29	29
UNCLASSIFIED (NO DATA)	-	-	-	19	19	19	9	28	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	7	1	17	672	690	697	512	1,209	42,000	6,000	5,230	17,958	29,188	71,188	308	27	102
SURFACE MINES:																	
OPEN PIT:	-	-	2	-	2	2	-	2	-	-	400	-	400	400	200	-	200
AMPUTATION/ENUCLEATION	-	-	-	10	10	10	1	11	-	-	-	100	100	100	-	10	10
BURN/SCALD (NOT CHEM.)	-	-	-	1	1	1	1	2	-	-	-	2	2	2	-	2	2
CHEMICAL BURN	-	-	-	1	1	1	-	1	-	-	-	9	9	9	-	9	9
CONCUSSION (CEREBRAL)	-	-	-	30	31	32	9	41	6,000	-	440	402	842	6,842	440	13	214
CONTUSION OR BRUISE	1	-	1	20	20	20	108	128	-	-	-	274	274	274	-	14	14
CUT OR PUNCTURE	-	-	-	3	3	3	-	3	-	-	-	87	87	87	-	29	29
DISLOCATION	-	-	-	2	2	2	4	6	-	-	-	13	13	13	-	6	6
DUST IN EYE	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
ELECTRIC SHOCK	-	-	-	49	49	49	37	86	-	-	-	1,624	1,624	1,624	-	33	33
FRACTURE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HEAT/SUNSTROKE	-	-	-	-	-	4	-	4	-	-	200	-	200	200	50	-	50
HERNIA (NOT DISC)	-	-	4	-	4	4	-	4	-	-	-	13	13	13	-	3	3
RADIATION/ULTRA VIOLET	-	-	-	4	4	4	-	4	-	-	-	6	6	6	-	3	3
SCRATCH/ABRASION	-	-	-	2	2	2	-	2	-	-	-	3,090	3,090	3,090	-	21	21
STRAIN/SPRAIN	-	-	-	147	147	147	12	159	-	-	-	1,174	2,674	14,674	1,500	40	459
MULTIPLE INJURIES	2	-	1	29	30	32	21	53	12,000	-	1,500	47	47	47	-	24	24
OTHER INJURY, NEC	-	-	-	2	2	2	1	3	-	-	-	350	350	350	-	50	50
UNCLASSIFIED (NO DATA)	-	-	-	7	7	7	4	11	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	3	-	8	308	316	319	199	518	18,000	-	2,540	7,195	9,735	27,735	318	23	87

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TABLE 11. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND NATURE OF INJURY AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
DREDGE:																	
BURN/SCALD (NOT CHEM.)	-	-	-	2	2	2	-	2	-	-	-	7	7	7	-	4	4
CONTUSION OR BRUISE	-	-	-	1	1	1	-	1	-	-	-	7	7	7	-	7	7
CUT OR PUNCTURE	-	-	-	2	2	2	3	5	-	-	-	8	8	8	-	4	4
FRACTURE	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
RADIATION/ULTRA VIOLET	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN	-	-	-	10	10	10	-	10	-	-	-	215	215	215	-	22	22
MULTIPLE INJURIES	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
TOTAL OR AVERAGE	-	-	-	16	16	16	6	22	-	-	-	238	238	238	-	15	15
TOTAL OR AVERAGE, SURFACE:																	
AMPUTATION/ENUCLEATION	-	-	2	-	2	2	-	2	-	-	400	-	400	400	200	-	200
BURN/SCALD (NOT CHEM.)	-	-	-	12	12	12	1	13	-	-	-	107	107	107	-	9	9
CHEMICAL BURN	-	-	-	1	1	1	1	2	-	-	-	2	2	2	-	2	2
CONCUSSION (CEREBRAL)	-	-	-	1	1	1	-	1	-	-	-	9	9	9	-	9	9
CONTUSION OR BRUISE	1	-	1	31	32	33	9	42	6,000	-	440	409	849	6,849	440	13	208
CUT OR PUNCTURE	-	-	-	22	22	22	111	133	-	-	-	282	282	282	-	13	13
DISLOCATION	-	-	-	3	3	3	-	3	-	-	-	87	87	87	-	29	29
DUST IN EYE	-	-	-	2	2	2	4	6	-	-	-	13	13	13	-	6	6
ELECTRIC SHOCK	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
FRACTURE	-	-	-	49	49	49	39	88	-	-	-	1,624	1,624	1,624	-	33	33
HEAT/SUNSTROKE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HERNIA (NOT DISC)	-	-	-	4	4	4	-	4	-	-	200	-	200	200	50	-	50
RADIATION/ULTRA VIOLET	-	-	-	4	4	4	1	5	-	-	-	13	13	13	-	3	3
SCRATCH/ABRASION	-	-	-	2	2	2	-	2	-	-	-	6	6	6	-	3	3
STRAIN/SPRAIN	-	-	-	157	157	157	12	169	-	-	-	3,305	3,305	3,305	-	21	21
MULTIPLE INJURIES	2	-	1	30	31	33	21	54	12,000	-	1,500	1,175	2,675	14,675	1,500	39	445
OTHER INJURY, NEC	-	-	-	2	2	2	1	3	-	-	-	47	47	47	-	24	24
UNCLASSIFIED (NO DATA)	-	-	-	7	7	7	4	11	-	-	-	350	350	350	-	50	50
TOTAL OR AVERAGE	3	-	8	324	332	335	205	540	18,000	-	2,540	7,433	9,973	27,973	318	23	84

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TABLE 11. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND NATURE OF INJURY AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES		FATAL	NFDL			TOTAL FATAL AND NFDL		PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
TOTAL OR AVERAGE, MINING:																	
AMPUTATION/ENUCLEATION	-	-	10	-	10	10	-	10	-	-	4,930	-	4,930	4,930	493	-	493
ASPHYXIATION/DROWNING	-	-	-	1	1	1	3	4	-	-	-	5	5	5	-	5	5
BURN/SCALD (NOT CHEM.)	-	-	-	14	14	14	5	19	-	-	-	135	135	135	-	10	10
CHEMICAL BURN	-	-	-	5	5	5	3	8	-	-	-	14	14	14	-	3	3
CONCUSSION (CEREBRAL)	-	-	-	2	2	2	-	2	-	-	-	118	118	118	-	59	59
CONTUSION OR BRUISE	3	-	1	152	153	156	46	202	18,000	-	440	2,299	2,739	20,739	440	15	133
CUT OR PUNCTURE	-	-	-	110	110	110	406	516	-	-	-	1,484	1,484	1,484	-	13	13
DISLOCATION	-	-	-	12	12	12	1	13	-	-	-	449	449	449	-	37	37
DUST IN EYE	-	-	-	11	11	11	24	35	-	-	-	32	32	32	-	3	3
ELECTRIC SHOCK	2	-	-	1	1	3	-	3	12,000	-	-	4	4	12,004	-	4	4,001
ELECT. BURN (CONTACT)	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FRACTURE	-	1	-	164	165	165	89	254	-	6,000	-	6,828	12,828	12,828	-	42	78
HEAT/SUNSTROKE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HERNIA (NOT DISC)	-	-	12	1	13	13	-	13	-	-	600	33	633	633	50	33	49
POISONING (SYSTEMIC)	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
RADIATION/ULTRA VIOLET	-	-	-	6	6	6	4	10	-	-	-	126	126	126	-	21	21
SCRATCH/ABRASION	-	-	-	7	7	7	5	12	-	-	-	16	16	16	-	2	2
STRAIN/SPRAIN	-	-	-	348	348	348	52	400	-	-	-	7,494	7,494	7,494	-	22	22
MULTIPLE INJURIES	5	-	2	128	130	135	61	196	30,000	-	1,800	5,049	6,849	36,849	900	39	273
OTHER INJURY, NEC	-	-	-	7	7	7	3	10	-	-	-	406	406	406	-	58	58
UNCLASSIFIED (NO DATA)	-	-	-	26	26	26	13	39	-	-	-	894	894	894	-	34	34
TOTAL OR AVERAGE	10	1	25	996	1,022	1,032	717	1,749	60,000	6,000	7,770	25,391	39,161	99,161	311	25	96
INDEPENDENT SHOPS:																	
CONTUSION OR BRUISE	-	-	-	1	1	1	1	2	-	-	-	12	12	12	-	12	12
CUT OR PUNCTURE	-	-	-	-	-	-	5	5	-	-	-	-	-	-	-	-	-
FRACTURE	-	-	-	2	2	2	-	2	-	-	-	54	54	54	-	27	27
HERNIA (NOT DISC)	-	-	1	-	1	1	-	1	-	-	50	-	50	50	50	-	50
STRAIN/SPRAIN	-	-	-	6	6	6	-	6	-	-	-	64	64	64	-	11	11
MULTIPLE INJURIES	-	-	-	2	2	2	-	2	-	-	-	5	5	5	-	2	2
TOTAL OR AVERAGE	-	-	1	11	12	12	6	18	-	-	50	135	185	185	50	12	15

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TABLE 11. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND NATURE OF INJURY AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
PROCESSING PLANTS:																	
AMPUTATION/ENUCLEATION	-	-	4	-	4	4	-	4	-	-	475	-	475	475	119	-	119
BURN/SCALD (NOT CHEM.)	1	-	-	10	10	11	12	23	6,000	-	-	473	473	6,473	-	47	588
CHEMICAL BURN	-	-	-	27	27	27	16	43	-	-	-	347	347	347	-	13	13
CONCUSSION (CEREBRAL)	-	-	-	2	2	2	-	2	-	-	-	24	24	24	-	12	12
CONTUSION OR BRUISE	2	-	-	75	75	77	30	107	12,000	-	-	1,747	1,747	13,747	-	23	179
CUT OR PUNCTURE	-	-	-	47	47	47	219	266	-	-	-	807	807	807	-	17	17
DISLOCATION	-	-	-	5	5	5	1	6	-	-	-	81	81	81	-	16	16
DUST IN EYE	-	-	-	4	4	4	7	11	-	-	-	9	9	9	-	2	2
ELECTRIC SHOCK	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
ELECT. BURN (CONTACT)	-	-	-	1	1	1	-	1	-	-	-	133	133	133	-	133	133
FRACTURE	-	-	-	71	71	71	55	126	-	-	-	2,896	2,896	2,896	-	41	41
HEARING IMPAIRMENT	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HERNIA (NOT DISC)	-	-	6	4	10	10	-	10	-	-	300	137	437	437	50	34	44
POISONING (SYSTEMIC)	-	-	-	8	8	8	3	11	-	-	-	290	290	290	-	36	36
RADIATION/ULTRA VIOLET	-	-	-	3	3	3	1	4	-	-	-	10	10	10	-	3	3
SCRATCH/ABRASION	-	-	-	5	5	5	4	9	-	-	-	52	52	52	-	10	10
STRAIN/SPRAIN	-	-	-	174	174	174	30	204	-	-	-	4,716	4,716	4,716	-	27	27
MULTIPLE INJURIES	1	-	-	47	47	48	45	93	6,000	-	-	2,988	2,988	8,988	-	64	187
OTHER INJURY, NEC	-	-	-	4	4	4	2	6	-	-	-	165	165	165	-	41	41
UNCLASSIFIED (NO DATA)	-	-	-	16	16	16	5	21	-	-	-	520	520	520	-	32	32
TOTAL OR AVERAGE	4	-	10	504	514	518	431	949	24,000	-	775	15,398	16,173	40,173	78	31	78

TABLE 11 - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND NATURE OF INJURY AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																	
AMPUTATION/ENUCLEATION	-	-	14	-	14	14	-	14	-	-	5,405	-	5,405	5,405	386	-	386
ASPHYXIATION/DROWNING	-	-	-	1	1	1	3	4	-	-	-	5	5	5	-	5	5
BURN/SCALD (NOT CHEM.)	1	-	-	24	24	25	17	42	6,000	-	-	608	608	6,608	-	25	264
CHEMICAL BURN	-	-	-	32	32	32	19	51	-	-	-	361	361	361	-	11	11
CONCUSSION (CEREBRAL)	-	-	-	4	4	4	-	4	-	-	-	142	142	142	-	36	36
CONTUSION OR BRUISE	5	-	1	228	229	234	77	311	30,000	-	440	4,058	4,498	34,498	440	18	147
CUT OR PUNCTURE	-	-	-	157	157	157	630	787	-	-	-	2,291	2,291	2,291	-	15	15
DISLOCATION	-	-	-	17	17	17	2	19	-	-	-	530	530	530	-	31	31
DUST IN EYE	-	-	-	15	15	15	31	46	-	-	-	41	41	41	-	3	3
ELECTRIC SHOCK	2	-	-	2	2	4	-	4	12,000	-	-	7	7	12,007	-	4	3,002
ELECT. BURN (CONTACT)	-	-	-	1	1	1	1	2	-	-	-	133	133	133	-	133	133
FRACTURE	-	1	-	237	238	238	144	382	-	6,000	-	9,778	15,778	15,778	-	41	66
HEARING IMPAIRMENT	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HEAT/SUNSTROKE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HERNIA (NOT DISC)	-	-	19	5	24	24	-	24	-	-	950	170	1,120	1,120	50	34	47
POISONING (SYSTEMIC)	-	-	-	9	9	9	3	12	-	-	-	295	295	295	-	33	33
RADIATION/ULTRA VIOLET	-	-	-	9	9	9	5	14	-	-	-	136	136	136	-	15	15
SCRATCH/ABRASION	-	-	-	12	12	12	9	21	-	-	-	68	68	68	-	6	6
STRAIN/SPRAIN	-	-	-	528	528	528	82	610	-	-	-	12,274	12,274	12,274	-	23	23
MULTIPLE INJURIES	6	-	2	177	179	185	106	291	36,000	-	1,800	8,042	9,842	45,842	900	45	248
OTHER INJURY, NEC	-	-	-	11	11	11	5	16	-	-	-	571	571	571	-	52	52
UNCLASSIFIED (NO DATA)	-	-	-	42	42	42	18	60	-	-	-	1,414	1,414	1,414	-	34	34
TOTAL OR AVERAGE	14	1	36	1,511	1,548	1,562	1,154	2,716	84,000	6,000	8,595	40,924	55,519	139,519	239	27	89
OFFICE:																	
CONTUSION OR BRUISE	-	-	-	1	1	1	-	1	-	-	-	11	11	11	-	11	11
CUT OR PUNCTURE	-	-	-	-	-	-	7	7	-	-	-	-	-	-	-	-	-
FRACTURE	-	-	-	1	1	1	1	2	-	-	-	5	5	5	-	5	5
HERNIA (NOT DISC)	-	-	-	1	1	1	-	1	-	-	-	45	45	45	-	45	45
POISONING (SYSTEMIC)	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
STRAIN/SPRAIN	-	-	-	7	7	7	-	7	-	-	-	200	200	200	-	29	29
MULTIPLE INJURIES	-	-	-	1	1	1	-	1	-	-	-	179	179	179	-	179	179
TOTAL OR AVERAGE	-	-	-	12	12	12	8	20	-	-	-	443	443	443	-	37	37

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TABLE 11. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND NATURE OF INJURY AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL				PERMANENT		TEMPORARY	TOTAL NFDL					
		TOTAL	PARTIAL						TOTAL	PARTIAL							
GRAND TOTAL OR AVERAGE:																	
AMPUTATION/ENUCLEATION	-	-	14	-	14	14	-	14	-	-	5,405	-	5,405	5,405	386	-	386
ASPHYXIATION/DROWNING	-	-	-	1	1	1	3	4	-	-	-	5	5	5	-	5	5
BURN/SCALD (NOT CHEM.)	1	-	-	24	24	25	17	42	6,000	-	-	608	608	6,608	-	25	264
CHEMICAL BURN	-	-	-	32	32	32	19	51	-	-	-	361	361	361	-	11	11
CONCUSSION (CEREBRAL)	-	-	-	4	4	4	-	4	-	-	-	142	142	142	-	36	36
CONTUSION OR BRUISE	5	-	1	229	230	235	77	312	30,000	-	440	4,069	4,509	34,509	440	18	147
CUT OR PUNCTURE	-	-	-	157	157	157	637	794	-	-	-	2,291	2,291	2,291	-	15	15
DISLOCATION	-	-	-	17	17	17	2	19	-	-	-	530	530	530	-	31	31
DUST IN EYE	-	-	-	15	15	15	31	46	-	-	-	41	41	41	-	3	3
ELECTRIC SHOCK	2	-	-	2	2	4	-	4	12,000	-	-	7	7	12,007	-	4	3,002
ELECT. BURN (CONTACT)	-	-	-	1	1	1	1	2	-	-	-	133	133	133	-	133	133
FRACTURE	-	1	-	238	239	239	145	384	-	6,000	-	9,783	15,783	15,783	-	41	66
HEARING IMPAIRMENT	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HEAT/SUNSTROKE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HERNIA (NOT DISC)	-	-	19	6	25	25	-	25	-	-	950	215	1,165	1,165	50	36	47
POISONING (SYSTEMIC)	-	-	-	10	10	10	3	13	-	-	-	298	298	298	-	30	30
RADIATION/ULTRA VIOLET	-	-	-	9	9	9	5	14	-	-	-	136	136	136	-	15	15
SCRATCH/ABRASION	-	-	-	12	12	12	9	21	-	-	-	68	68	68	-	6	6
STRAIN/SPRAIN	-	-	-	535	535	535	82	617	-	-	-	12,474	12,474	12,474	-	23	23
MULTIPLE INJURIES	6	-	2	178	180	186	106	292	36,000	-	1,800	8,221	10,021	46,021	900	46	247
OTHER INJURY, NEC	-	-	-	11	11	11	5	16	-	-	-	571	571	571	-	52	52
UNCLASSIFIED (NO DATA)	-	-	-	42	42	42	18	60	-	-	-	1,414	1,414	1,414	-	34	34
TOTAL OR AVERAGE	14	1	36	1,523	1,560	1,574	1,162	2,736	84,000	6,000	8,595	41,367	55,962	139,962	239	27	89

TABLE 12. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR PART OF BODY AND NATURE OF INJURY AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983

PART OF BODY AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY						PERMANENT		TEMPORARY					
		TOTAL	PARTIAL							TOTAL	PARTIAL						
EAR:																	
BURN/SCALD (NOT CHEM.)	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1
CUT OR PUNCTURE	-	-	-	1	1	1	8	9	-	-	-	148	148	148	-	148	148
HEARING IMPAIRMENT	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
UNCLASSIFIED (NO DATA)	-	-	-	1	1	1	1	2	-	-	-	15	15	15	-	15	15
TOTAL OR AVERAGE	-	-	-	3	3	3	11	14	-	-	-	164	164	164	-	55	55
EYE:																	
BURN/SCALD (NOT CHEM.)	-	-	-	3	3	3	1	4	-	-	-	5	5	5	-	2	2
CHEMICAL BURN	-	-	-	15	15	15	10	25	-	-	-	36	36	36	-	2	2
CONTUSION OR BRUISE	-	-	-	1	1	1	1	2	-	-	-	3	3	3	-	3	3
CUT OR PUNCTURE	-	-	-	6	6	6	20	26	-	-	-	45	45	45	-	8	8
DUST IN EYE	-	-	-	15	15	15	31	46	-	-	-	41	41	41	-	3	3
RADIATION/ULTRA VIOLET	-	-	-	3	3	3	3	6	-	-	-	5	5	5	-	2	2
SCRATCH/ABRASION	-	-	-	9	9	9	7	16	-	-	-	22	22	22	-	2	2
MULTIPLE INJURIES	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
OTHER INJURY, NEC	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	53	53	53	75	128	-	-	-	158	158	158	-	3	3
JAW:																	
CONTUSION OR BRUISE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CUT OR PUNCTURE	-	-	-	3	3	3	12	15	-	-	-	40	40	40	-	13	13
FRACTURE	-	-	-	3	3	3	-	3	-	-	-	98	98	98	-	33	33
MULTIPLE INJURIES	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	6	6	6	14	20	-	-	-	138	138	138	-	23	23
MOUTH/TEETH/TONGUE:																	
CUT OR PUNCTURE	-	-	-	-	-	-	27	27	-	-	-	-	-	-	-	-	-
FRACTURE	-	-	-	-	-	-	11	11	-	-	-	-	-	-	-	-	-
MULTIPLE INJURIES	-	-	-	1	1	1	5	6	-	-	-	16	16	16	-	16	16
OTHER INJURY, NEC	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
UNCLASSIFIED (NO DATA)	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
TOTAL OR AVERAGE	-	-	-	2	2	2	44	46	-	-	-	17	17	17	-	8	8
NOSE:																	
CUT OR PUNCTURE	-	-	-	-	-	-	7	7	-	-	-	-	-	-	-	-	-
FRACTURE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MULTIPLE INJURIES	-	-	-	1	1	1	2	3	-	-	-	3	3	3	-	3	3
TOTAL OR AVERAGE	-	-	-	1	1	1	10	11	-	-	-	3	3	3	-	3	3
SCALP:																	
CUT OR PUNCTURE	-	-	-	-	-	-	9	9	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	-	-	-	9	9	-	-	-	-	-	-	-	-	-

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TABLE 12. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR PART OF BODY AND NATURE OF INJURY AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

PART OF BODY AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
SKULL:																	
FRACTURE	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
FACE, NEC:																	
BURN/SCALD (NOT CHEM.)	-	-	-	2	2	2	-	2	-	-	-	6	6	6	-	3	3
CHEMICAL BURN	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
CUT OR PUNCTURE	-	-	-	5	5	5	17	22	-	-	-	189	189	189	-	38	38
FRACTURE	-	-	-	1	1	1	-	1	-	-	-	33	33	33	-	33	33
MULTIPLE INJURIES	-	-	-	2	2	2	2	4	-	-	-	5	5	5	-	2	2
TOTAL OR AVERAGE	-	-	-	11	11	11	19	30	-	-	-	235	235	235	-	21	21
HEAD, NEC:																	
BURN/SCALD (NOT CHEM.)	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
CHEMICAL BURN	-	-	-	1	1	1	-	1	-	-	-	7	7	7	-	7	7
CONCUSSION (CEREBRAL)	-	-	-	4	4	4	-	4	-	-	-	142	142	142	-	36	36
CONTUSION OR BRUISE	-	-	-	4	4	4	2	6	-	-	-	38	38	38	-	10	10
CUT OR PUNCTURE	-	-	-	10	10	10	48	58	-	-	-	102	102	102	-	10	10
MULTIPLE INJURIES	-	-	1	3	4	4	4	8	-	-	1,500	21	1,521	1,521	1,500	7	380
UNCLASSIFIED (NO DATA)	-	-	-	1	1	1	1	2	-	-	-	30	30	30	-	30	30
TOTAL OR AVERAGE	-	-	1	24	25	25	55	80	-	-	1,500	346	1,846	1,846	1,500	14	74
NECK:																	
BURN/SCALD (NOT CHEM.)	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CONTUSION OR BRUISE	-	-	-	1	1	1	1	2	-	-	-	14	14	14	-	14	14
CUT OR PUNCTURE	-	-	-	1	1	1	2	3	-	-	-	6	6	6	-	6	6
FRACTURE	-	-	-	1	1	1	-	1	-	-	-	55	55	55	-	55	55
STRAIN/SPRAIN	-	-	-	23	23	23	4	27	-	-	-	262	262	262	-	11	11
MULTIPLE INJURIES	-	-	-	3	3	3	-	3	-	-	-	88	88	88	-	29	29
UNCLASSIFIED (NO DATA)	-	-	-	2	2	2	1	3	-	-	-	160	160	160	-	80	80
TOTAL OR AVERAGE	-	-	-	31	31	31	9	40	-	-	-	585	585	585	-	19	19
UPPER ARM:																	
BURN/SCALD (NOT CHEM.)	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CONTUSION OR BRUISE	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
CUT OR PUNCTURE	-	-	-	3	3	3	1	4	-	-	-	62	62	62	-	21	21
STRAIN/SPRAIN	-	-	-	1	1	1	-	1	-	-	-	30	30	30	-	30	30
TOTAL OR AVERAGE	-	-	-	5	5	5	2	7	-	-	-	94	94	94	-	19	19

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TABLE 12. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR PART OF BODY AND NATURE OF INJURY AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

PART OF BODY AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
ELBOW:																	
CONTUSION OR BRUISE	-	-	-	14	14	14	6	20	-	-	-	342	342	342	-	24	24
CUT OR PUNCTURE	-	-	-	2	2	2	18	20	-	-	-	10	10	10	-	5	5
FRACTURE	-	-	-	5	5	5	-	5	-	-	-	126	126	126	-	25	25
STRAIN/SPRAIN	-	-	-	3	3	3	1	4	-	-	-	23	23	23	-	8	8
MULTIPLE INJURIES	-	-	-	2	2	2	-	2	-	-	-	202	202	202	-	101	101
UNCLASSIFIED (NO DATA)	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	26	26	26	27	53	-	-	-	703	703	703	-	27	27
FOREARM:																	
BURN/SCALD (NOT CHEM.)	-	-	-	1	1	1	2	3	-	-	-	25	25	25	-	25	25
CHEMICAL BURN	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CONTUSION OR BRUISE	-	-	-	1	1	1	-	1	-	-	-	17	17	17	-	17	17
CUT OR PUNCTURE	-	-	-	8	8	8	30	38	-	-	-	112	112	112	-	14	14
FRACTURE	-	-	-	9	9	9	1	10	-	-	-	477	477	477	-	53	53
STRAIN/SPRAIN	-	-	-	2	2	2	1	3	-	-	-	169	169	169	-	84	84
MULTIPLE INJURIES	-	-	-	4	4	4	1	5	-	-	-	22	22	22	-	6	6
TOTAL OR AVERAGE	-	-	-	25	25	25	36	61	-	-	-	822	822	822	-	33	33
WRIST:																	
BURN/SCALD (NOT CHEM.)	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CONTUSION OR BRUISE	-	-	-	5	5	5	2	7	-	-	-	80	80	80	-	16	16
CUT OR PUNCTURE	-	-	-	8	8	8	29	37	-	-	-	170	170	170	-	21	21
FRACTURE	-	-	-	19	19	19	4	23	-	-	-	960	960	960	-	51	51
STRAIN/SPRAIN	-	-	-	6	6	6	1	7	-	-	-	149	149	149	-	25	25
MULTIPLE INJURIES	-	-	-	3	3	3	2	5	-	-	-	141	141	141	-	47	47
OTHER INJURY, NEC	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
UNCLASSIFIED (NO DATA)	-	-	-	1	1	1	-	1	-	-	-	30	30	30	-	30	30
TOTAL OR AVERAGE	-	-	-	43	43	43	39	82	-	-	-	1,533	1,533	1,533	-	36	36
HAND:																	
BURN/SCALD (NOT CHEM.)	-	-	-	2	2	2	4	6	-	-	-	16	16	16	-	8	8
CHEMICAL BURN	-	-	-	1	1	1	1	2	-	-	-	2	2	2	-	2	2
CONTUSION OR BRUISE	-	-	-	14	14	14	6	20	-	-	-	275	275	275	-	20	20
CUT OR PUNCTURE	-	-	-	19	19	19	72	91	-	-	-	250	250	250	-	13	13
ELECT. BURN (CONTACT)	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FRACTURE	-	-	-	11	11	11	7	18	-	-	-	273	273	273	-	25	25
RADIATION/ULTRA VIOLET	-	-	-	1	1	1	1	2	-	-	-	2	2	2	-	2	2
SCRATCH/ABRASION	-	-	-	1	1	1	-	1	-	-	-	40	40	40	-	40	40
STRAIN/SPRAIN	-	-	-	2	2	2	2	4	-	-	-	33	33	33	-	16	16
MULTIPLE INJURIES	-	-	-	6	6	6	5	11	-	-	-	75	75	75	-	12	12
OTHER INJURY, NEC	-	-	-	1	1	1	-	1	-	-	-	25	25	25	-	25	25
UNCLASSIFIED (NO DATA)	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	58	58	58	100	158	-	-	-	991	991	991	-	17	17

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TABLE 12. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR PART OF BODY AND NATURE OF INJURY AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

PART OF BODY AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
FINGER(S):																	
AMPUTATION/ENUCLEATION	-	-	13	-	13	13	-	13	-	-	4,805	-	4,805	4,805	370	-	370
CHEMICAL BURN	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CONTUSION OR BRUISE	-	-	1	15	16	16	26	42	-	-	440	243	683	683	440	16	43
CUT OR PUNCTURE	-	-	-	46	46	46	257	303	-	-	-	638	638	638	-	14	14
DISLOCATION	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FRACTURE	-	-	-	52	52	52	84	136	-	-	-	1,164	1,164	1,164	-	22	22
RADIATION/ULTRA VIOLET	-	-	-	1	1	1	1	2	-	-	-	2	2	2	-	2	2
STRAIN/SPRAIN	-	-	-	5	5	5	2	7	-	-	-	164	164	164	-	33	33
MULTIPLE INJURIES	-	-	-	36	36	36	53	89	-	-	-	1,145	1,145	1,145	-	32	32
UNCLASSIFIED (NO DATA)	-	-	-	1	1	1	3	4	-	-	-	31	31	31	-	31	31
TOTAL OR AVERAGE	-	-	14	156	170	170	428	598	-	-	5,245	3,387	8,632	8,632	375	22	51
UPPER EXTREMITIES, NEC:																	
CHEMICAL BURN	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
CONTUSION OR BRUISE	-	-	-	9	9	9	-	9	-	-	-	165	165	165	-	18	18
CUT OR PUNCTURE	-	-	-	3	3	3	20	23	-	-	-	32	32	32	-	11	11
FRACTURE	-	-	-	2	2	2	-	2	-	-	-	194	194	194	-	97	97
STRAIN/SPRAIN	-	-	-	1	1	1	-	1	-	-	-	21	21	21	-	21	21
MULTIPLE INJURIES	-	-	-	6	6	6	6	12	-	-	-	105	105	105	-	18	18
UNCLASSIFIED (NO DATA)	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	22	22	22	27	49	-	-	-	520	520	520	-	24	24
ABDOMEN:																	
CONTUSION OR BRUISE	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
CUT OR PUNCTURE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN	-	-	-	2	2	2	-	2	-	-	-	24	24	24	-	12	12
MULTIPLE INJURIES	-	-	-	2	2	2	-	2	-	-	-	100	100	100	-	50	50
TOTAL OR AVERAGE	-	-	-	5	5	5	1	6	-	-	-	125	125	125	-	25	25
BACK:																	
CONTUSION OR BRUISE	-	-	-	19	19	19	4	23	-	-	-	269	269	269	-	14	14
CUT OR PUNCTURE	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
FRACTURE	-	1	-	14	15	15	1	16	-	6,000	-	695	6,695	6,695	-	50	446
STRAIN/SPRAIN	-	-	-	264	264	264	41	305	-	-	-	6,813	6,813	6,813	-	26	26
MULTIPLE INJURIES	-	-	-	4	4	4	-	4	-	-	-	65	65	65	-	16	16
OTHER INJURY, NEC	-	-	-	3	3	3	-	3	-	-	-	47	47	47	-	16	16
UNCLASSIFIED (NO DATA)	-	-	-	17	17	17	4	21	-	-	-	456	456	456	-	27	27
TOTAL OR AVERAGE	-	1	-	321	322	322	52	374	-	6,000	-	8,345	14,345	14,345	-	26	45

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TABLE 12. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR PART OF BODY AND NATURE OF INJURY AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

PART OF BODY AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
CHEST:																	
CHEMICAL BURN	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CONTUSION OR BRUISE	-	-	-	12	12	12	4	16	-	-	-	103	103	103	-	9	9
CUT OR PUNCTURE	-	-	-	2	2	2	5	7	-	-	-	155	155	155	-	78	78
FRACTURE	-	-	-	22	22	22	10	32	-	-	-	430	430	430	-	20	20
STRAIN/SPRAIN	-	-	-	7	7	7	1	8	-	-	-	54	54	54	-	8	8
MULTIPLE INJURIES	1	-	1	2	3	4	1	5	6,000	-	300	68	368	6,368	300	34	1,592
UNCLASSIFIED (NO DATA)	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	1	-	1	45	46	47	23	70	6,000	-	300	810	1,110	7,110	300	18	151
PELVIC REGION:																	
CONTUSION OR BRUISE	-	-	-	14	14	14	-	14	-	-	-	192	192	192	-	14	14
CUT OR PUNCTURE	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
DISLOCATION	-	-	-	1	1	1	-	1	-	-	-	48	48	48	-	48	48
FRACTURE	-	-	-	3	3	3	-	3	-	-	-	362	362	362	-	121	121
HERNIA (NOT DISC)	-	-	19	6	25	25	-	25	-	-	950	215	1,165	1,165	50	36	47
STRAIN/SPRAIN	-	-	-	16	16	16	3	19	-	-	-	278	278	278	-	17	17
MULTIPLE INJURIES	-	-	-	2	2	2	-	2	-	-	-	39	39	39	-	20	20
UNCLASSIFIED (NO DATA)	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
TOTAL OR AVERAGE	-	-	19	43	62	62	5	67	-	-	950	1,137	2,087	2,087	50	26	34
SHOULDER(S):																	
BURN/SCALD (NOT CHEM.)	-	-	-	1	1	1	-	1	-	-	-	24	24	24	-	24	24
CHEMICAL BURN	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
CONTUSION OR BRUISE	-	-	-	11	11	11	1	12	-	-	-	393	393	393	-	36	36
CUT OR PUNCTURE	-	-	-	2	2	2	-	2	-	-	-	6	6	6	-	3	3
DISLOCATION	-	-	-	13	13	13	1	14	-	-	-	349	349	349	-	27	27
FRACTURE	-	-	-	5	5	5	-	5	-	-	-	184	184	184	-	37	37
STRAIN/SPRAIN	-	-	-	30	30	30	5	35	-	-	-	520	520	520	-	17	17
MULTIPLE INJURIES	-	-	-	2	2	2	-	2	-	-	-	37	37	37	-	18	18
OTHER INJURY, NEC	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
UNCLASSIFIED (NO DATA)	-	-	-	3	3	3	-	3	-	-	-	23	23	23	-	8	8
TOTAL OR AVERAGE	-	-	-	69	69	69	7	76	-	-	-	1,551	1,551	1,551	-	22	22
TRUNK, NEC:																	
BURN/SCALD (NOT CHEM.)	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
CONTUSION OR BRUISE	-	-	-	3	3	3	1	4	-	-	-	7	7	7	-	2	2
STRAIN/SPRAIN	-	-	-	5	5	5	1	6	-	-	-	260	260	260	-	52	52
MULTIPLE INJURIES	-	-	-	7	7	7	-	7	-	-	-	321	321	321	-	46	46
UNCLASSIFIED (NO DATA)	-	-	-	2	2	2	1	3	-	-	-	91	91	91	-	46	46
TOTAL OR AVERAGE	-	-	-	18	18	18	3	21	-	-	-	685	685	685	-	38	38

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TABLE 12. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR PART OF BODY AND NATURE OF INJURY AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

PART OF BODY AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
THIGH:																	
CONTUSION OR BRUISE	-	-	-	7	7	7	-	7	-	-	-	60	60	60	-	9	9
CUT OR PUNCTURE	-	-	-	2	2	2	5	7	-	-	-	18	18	18	-	9	9
FRACTURE	-	-	-	1	1	1	-	1	-	-	-	44	44	44	-	44	44
STRAIN/SPRAIN	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MULTIPLE INJURIES	-	-	-	1	1	1	-	1	-	-	-	12	12	12	-	12	12
TOTAL OR AVERAGE	-	-	-	11	11	11	6	17	-	-	-	134	134	134	-	12	12
KNEE:																	
CHEMICAL BURN	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
CONTUSION OR BRUISE	-	-	-	25	25	25	7	32	-	-	-	583	583	583	-	23	23
CUT OR PUNCTURE	-	-	-	7	7	7	10	17	-	-	-	49	49	49	-	7	7
DISLOCATION	-	-	-	3	3	3	-	3	-	-	-	133	133	133	-	44	44
FRACTURE	-	-	-	6	6	6	-	6	-	-	-	371	371	371	-	62	62
SCRATCH/ABRASION	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
STRAIN/SPRAIN	-	-	-	77	77	77	8	85	-	-	-	2,361	2,361	2,361	-	31	31
MULTIPLE INJURIES	-	-	-	9	9	9	1	10	-	-	-	204	204	204	-	23	23
OTHER INJURY, NEC	-	-	-	3	3	3	-	3	-	-	-	429	429	429	-	143	143
UNCLASSIFIED (NO DATA)	-	-	-	4	4	4	1	5	-	-	-	100	100	100	-	25	25
TOTAL OR AVERAGE	-	-	-	136	136	136	27	163	-	-	-	4,236	4,236	4,236	-	31	31
LOWER LEG:																	
CHEMICAL BURN	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
CONTUSION OR BRUISE	-	-	-	8	8	8	2	10	-	-	-	97	97	97	-	12	12
CUT OR PUNCTURE	-	-	-	2	2	2	12	14	-	-	-	27	27	27	-	14	14
FRACTURE	-	-	-	7	7	7	-	7	-	-	-	432	432	432	-	62	62
STRAIN/SPRAIN	-	-	-	2	2	2	-	2	-	-	-	13	13	13	-	6	6
MULTIPLE INJURIES	-	-	-	4	4	4	2	6	-	-	-	85	85	85	-	21	21
OTHER INJURY, NEC	-	-	-	1	1	1	-	1	-	-	-	58	58	58	-	58	58
UNCLASSIFIED (NO DATA)	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
TOTAL OR AVERAGE	-	-	-	25	25	25	18	43	-	-	-	717	717	717	-	29	29
ANKLE:																	
CHEMICAL BURN	-	-	-	1	1	1	-	1	-	-	-	20	20	20	-	20	20
CONTUSION OR BRUISE	-	-	-	6	6	6	1	7	-	-	-	77	77	77	-	13	13
CUT OR PUNCTURE	-	-	-	2	2	2	2	4	-	-	-	23	23	23	-	12	12
FRACTURE	-	-	-	19	19	19	4	23	-	-	-	864	864	864	-	45	45
STRAIN/SPRAIN	-	-	-	70	70	70	5	75	-	-	-	988	988	988	-	14	14
MULTIPLE INJURIES	-	-	-	5	5	5	-	5	-	-	-	332	332	332	-	66	66
TOTAL OR AVERAGE	-	-	-	103	103	103	12	115	-	-	-	2,304	2,304	2,304	-	22	22

TABLE 12. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR PART OF BODY AND NATURE OF INJURY AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

PART OF BODY AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
FOOT:																	
BURN/SCALD (NOT CHEM.)	-	-	-	3	3	3	-	3	-	-	-	28	28	28	-	9	9
CHEMICAL BURN	-	-	-	1	1	1	2	3	-	-	-	37	37	37	-	37	37
CONTUSION OR BRUISE	-	-	-	29	29	29	5	34	-	-	-	305	305	305	-	11	11
CUT OR PUNCTURE	-	-	-	15	15	15	6	21	-	-	-	127	127	127	-	8	8
FRACTURE	-	-	-	32	32	32	8	40	-	-	-	1,032	1,032	1,032	-	32	32
SCRATCH/ABRASION	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
STRAIN/SPRAIN	-	-	-	9	9	9	2	11	-	-	-	97	97	97	-	11	11
MULTIPLE INJURIES	-	-	-	11	11	11	4	15	-	-	-	456	456	456	-	41	41
TOTAL OR AVERAGE	-	-	-	101	101	101	27	128	-	-	-	2,087	2,087	2,087	-	21	21
TOE(S):																	
AMPUTATION/ENUCLEATION	-	-	1	-	1	1	-	1	-	-	600	-	600	600	600	-	600
CONTUSION OR BRUISE	-	-	-	3	3	3	2	5	-	-	-	12	12	12	-	4	4
CUT OR PUNCTURE	-	-	-	3	3	3	1	4	-	-	-	28	28	28	-	9	9
FRACTURE	-	-	-	15	15	15	11	26	-	-	-	240	240	240	-	16	16
MULTIPLE INJURIES	-	-	-	4	4	4	1	5	-	-	-	124	124	124	-	31	31
UNCLASSIFIED (NO DATA)	-	-	-	1	1	1	-	1	-	-	-	46	46	46	-	46	46
TOTAL OR AVERAGE	-	-	1	26	27	27	15	42	-	-	600	450	1,050	1,050	600	17	39
LOWER EXTREMITIES, NEC:																	
BURN/SCALD (NOT CHEM.)	-	-	-	1	1	1	2	3	-	-	-	17	17	17	-	17	17
CHEMICAL BURN	-	-	-	2	2	2	1	3	-	-	-	17	17	17	-	8	8
CONTUSION OR BRUISE	-	-	-	10	10	10	2	12	-	-	-	111	111	111	-	11	11
CUT OR PUNCTURE	-	-	-	3	3	3	10	13	-	-	-	35	35	35	-	12	12
FRACTURE	-	-	-	4	4	4	-	4	-	-	-	168	168	168	-	42	42
SCRATCH/ABRASION	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN	-	-	-	1	1	1	1	2	-	-	-	11	11	11	-	11	11
MULTIPLE INJURIES	-	-	-	5	5	5	-	5	-	-	-	111	111	111	-	22	22
OTHER INJURY, NEC	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
UNCLASSIFIED (NO DATA)	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	27	27	27	18	45	-	-	-	474	474	474	-	18	18
BODY SYSTEMS:																	
ASPHYXIATION/DROWNING	-	-	-	1	1	1	3	4	-	-	-	5	5	5	-	5	5
ELECTRIC SHOCK	2	-	-	2	2	4	-	4	12,000	-	-	7	7	12,007	-	4	3,002
HEAT/SUNSTROKE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
POISONING (SYSTEMIC)	-	-	-	10	10	10	3	13	-	-	-	298	298	298	-	30	30
TOTAL OR AVERAGE	2	-	-	13	13	15	7	22	12,000	-	-	310	310	12,310	-	24	821

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TABLE 12. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR PART OF BODY AND NATURE OF INJURY AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

PART OF BODY AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
MULTIPLE PARTS OF BODY:																	
BURN/SCALD (NOT CHEM.)	1	-	-	8	8	9	4	13	6,000	-	-	474	474	6,474	-	59	719
CHEMICAL BURN	-	-	-	7	7	7	-	7	-	-	-	222	222	222	-	32	32
CONTUSION OR BRUISE	5	-	-	16	16	21	3	24	30,000	-	-	680	680	30,680	-	42	1,461
CUT OR PUNCTURE	-	-	-	4	4	4	4	8	-	-	-	19	19	19	-	5	5
ELECT. BURN (CONTACT)	-	-	-	1	1	1	-	1	-	-	-	133	133	133	-	133	133
FRACTURE	-	-	-	7	7	7	1	8	-	-	-	1,581	1,581	1,581	-	226	226
RADIATION/ULTRA VIOLET	-	-	-	4	4	4	-	4	-	-	-	127	127	127	-	32	32
SCRATCH/ABRASION	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN	-	-	-	8	8	8	3	11	-	-	-	196	196	196	-	24	24
MULTIPLE INJURIES	5	-	-	52	52	57	16	73	30,000	-	-	4,443	4,443	34,443	-	85	604
OTHER INJURY, NEC	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
UNCLASSIFIED (NO DATA)	-	-	-	6	6	6	-	6	-	-	-	423	423	423	-	70	70
TOTAL OR AVERAGE	11	-	-	113	113	124	34	158	66,000	-	-	8,298	8,298	74,298	-	73	599
UNCLASSIFIED:																	
STRAIN/SPRAIN	-	-	-	1	1	1	-	1	-	-	-	8	8	8	-	8	8
TOTAL OR AVERAGE	-	-	-	1	1	1	-	1	-	-	-	8	8	8	-	8	8
TOTAL OR AVERAGE:																	
AMPUTATION/ENUCLEATION	-	-	14	-	14	14	-	14	-	-	5,405	-	5,405	5,405	386	-	386
ASPHYXIATION/DROWNING	-	-	-	1	1	1	3	4	-	-	-	5	5	5	-	5	5
BURN/SCALD (NOT CHEM.)	1	-	-	24	24	25	17	42	6,000	-	-	608	608	6,608	-	25	264
CHEMICAL BURN	-	-	-	32	32	32	19	51	-	-	-	361	361	361	-	11	11
CONCUSSION (CEREBRAL)	-	-	-	4	4	4	-	4	-	-	-	142	142	142	-	36	36
CONTUSION OR BRUISE	5	-	1	229	230	235	77	312	30,000	-	440	4,069	4,509	34,509	440	18	147
CUT OR PUNCTURE	-	-	-	157	157	157	637	794	-	-	-	2,291	2,291	2,291	-	15	15
DISLOCATION	-	-	-	17	17	17	2	19	-	-	-	530	530	530	-	31	31
DUST IN EYE	-	-	-	15	15	15	31	46	-	-	-	41	41	41	-	3	3
ELECTRIC SHOCK	2	-	-	2	2	4	-	4	12,000	-	-	7	7	12,007	-	4	3,002
ELECT. BURN (CONTACT)	-	-	-	1	1	1	1	2	-	-	-	133	133	133	-	133	133
FRACTURE	-	1	-	238	239	239	145	384	-	6,000	-	9,783	15,783	15,783	-	41	66
HEARING IMPAIRMENT	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HEAT/SUNSTROKE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HERNIA (NOT DISC)	-	-	19	6	25	25	-	25	-	-	950	215	1,165	1,165	50	36	47
POISONING (SYSTEMIC)	-	-	-	10	10	10	3	13	-	-	-	298	298	298	-	30	30
RADIATION/ULTRA VIOLET	-	-	-	9	9	9	5	14	-	-	-	136	136	136	-	15	15
SCRATCH/ABRASION	-	-	-	12	12	12	9	21	-	-	-	68	68	68	-	6	6
STRAIN/SPRAIN	-	-	-	535	535	535	82	617	-	-	-	12,474	12,474	12,474	-	23	23
MULTIPLE INJURIES	6	-	2	178	180	186	106	292	36,000	-	1,800	8,221	10,021	46,021	900	46	247
OTHER INJURY, NEC	-	-	-	11	11	11	5	16	-	-	-	571	571	571	-	52	52
UNCLASSIFIED (NO DATA)	-	-	-	42	42	42	18	60	-	-	-	1,414	1,414	1,414	-	34	34
TOTAL OR AVERAGE	14	1	36	1,523	1,560	1,574	1,162	2,736	84,000	6,000	8,595	41,367	55,962	139,962	239	27	89

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TABLE 13. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983

WORK LOCATION AND STATE	ELECTRICAL			ENTRAPMENT			EXPLODING VESSELS UNDER PRESSURE			EXPLOSIVES AND BREAKING AGENTS			FALLING, ROLLING OR SLIDING MATERIAL			FALL OF FACE RIB, SIDE OR HIGHWALL			FALL OF ROOF (UNDERGROUND MINES ONLY)			FIRE			HANDLING MATERIAL			HANDTOOLS			NONPOWERED HAULAGE		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL
UNDERGROUND MINES:																																
UNDERGROUND:																																
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	16	-	13	30	-	-	-
ARIZONA	-	1	-	-	-	-	-	-	-	-	-	-	-	2	1	-	3	1	-	8	17	-	-	-	-	1	-	-	1	-	-	-	-
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
COLORADO	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	11	2	-	-	-	-	22	8	-	7	4	-	-	-
IDAHO	1	-	-	-	-	-	-	-	-	-	2	-	-	3	1	-	9	2	-	14	15	-	-	-	-	24	23	-	8	19	-	-	-
MICHIGAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	2	-	-	-	-	-	-	-
MISSOURI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	3	3	-	1	4	-	-	-
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	1	1	-	2	1	-	-	-
NEVADA	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	1	-	-	1	1	-	-	-	-	4	2	-	-	1	-	-	-
NEW JERSEY	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	1	-	-	-	1	-	-	-	-	2	1	-	-	1	-	-	-
NEW MEXICO	-	-	1	-	-	-	-	1	-	-	-	-	-	-	1	-	3	1	1	9	6	-	-	-	-	23	17	-	5	17	-	-	-
NEW YORK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	1	-	-	2	-	8	7	-	5	2	-	-	-
PENNSYLVANIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	3	-	-	1	-	-	-	-
SOUTH DAKOTA	-	-	-	-	-	-	-	1	-	-	2	-	-	-	-	-	3	-	-	2	5	-	-	-	-	11	19	-	4	10	-	1	-
TENNESSEE	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	2	2	-	10	5	-	-	-	-	19	7	-	7	2	-	-	-
UTAH	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	1	-	-	1	1	-	-	1	-	4	1	-	2	4	-	-	-
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	3	2	-	-	-	-	3	-	-	2	-	-	-	-
WYOMING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-
TOTAL	1	1	1	-	-	-	-	4	1	-	6	-	-	5	6	-	28	6	1	70	59	-	-	3	-	146	105	-	58	94	-	1	-
SURFACE AT UG:																																
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	7	-	1	3	-	-	-
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	5	-	1	1	-	-	-
IDAHO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4	-	1	1	-	-	-
MISSOURI	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-	-	-
NEW JERSEY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
NEW MEXICO	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	4	-	-	-	-	-	-
NEW YORK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
PENNSYLVANIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH DAKOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	6	-	1	2	-	-	-
TENNESSEE	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	3	-	-	-
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	1	1	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	22	29	-	4	13	-	-	-

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TABLE 13. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE			HOISTING			IGNITION OR EXPLOSION OF GAS OR DUST			IMPOUNDMENT			INUNDATION			MACHINERY			SLIPS OR FALLS OF PERSONS			STEPPING OR KNEELING ON OBJECT			STRIKING OR BUMPING			OTHER			TOTAL		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL
UNDERGROUND MINES:																																	
UNDERGROUND:																																	
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	-	-	-	-	-	-	-	-	-	2	1
ARIZONA	-	8	5	-	1	-	-	-	-	-	-	-	-	-	-	-	7	7	-	11	2	-	4	1	-	1	-	-	-	-	75	80
CALIFORNIA	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	-	-	-	-	-	-	-	-	-	3	5
COLORADO	1	7	6	-	-	1	-	-	-	-	-	-	-	1	-	-	12	7	-	12	5	-	2	1	-	-	-	-	-	1	76	35
IDAHO	-	11	4	-	3	-	-	-	-	-	-	-	-	-	-	-	27	23	-	18	5	-	2	-	-	1	-	-	1	-	123	92
MICHIGAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-
MISSOURI	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2	5	-	2	1	-	-	-	-	-	-	-	-	-	10	16
MONTANA	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	3	-	3	1	-	2	-	-	-	-	-	-	-	18	6
NEVADA	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	7	2	-	5	1	-	3	-	-	-	-	-	-	-	25	9
NEW JERSEY	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	1	-	-	-	-	-	-	-	-	-	7	5
NEW MEXICO	1	8	5	-	-	-	-	-	-	-	-	-	-	-	-	-	16	13	-	22	22	-	3	-	-	-	1	-	-	2	90	84
NEW YORK	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	5	2	-	8	3	-	1	-	-	-	-	-	-	1	35	20
PENNSYLVANIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	2	-	-	1	-	-	-	-	-	-	-	11	1
SOUTH DAKOTA	-	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	17	7	-	5	8	-	1	-	-	1	-	-	-	-	53	51
TENNESSEE	1	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	5	2	-	13	2	-	2	-	-	-	-	-	1	-	63	25
UTAH	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	4	-	2	2	-	-	-	-	-	-	-	-	-	20	14
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	2	-	-	-	-	-	-	-	-	-	1	15	4
WYOMING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-
TOTAL	3	57	32	1	4	1	-	-	-	-	-	-	-	1	-	-	117	80	-	105	55	-	21	2	-	3	1	-	3	1	6	631	447
SURFACE AT UG:																																	
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
ARIZONA	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	-	5	1	-	2	-	-	-	-	-	-	-	16	15
CALIFORNIA	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	2	2
COLORADO	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	4	-	-	1	-	-	-	-	-	-	-	13	7
IDAHO	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	5	5
MISSOURI	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	3
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	1	-	-	-	-	-	-	-	-	-	2	2
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-	-	1	-	-	-	-	-	-	-	4	3
NEW JERSEY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	2
NEW MEXICO	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	3	8
NEW YORK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
PENNSYLVANIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-
SOUTH DAKOTA	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	5	10
TENNESSEE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	2	3
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	2	4
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	2	-
TOTAL	-	8	4	-	-	-	-	-	-	-	-	-	-	-	-	-	4	9	-	15	5	-	5	-	-	-	1	-	-	2	1	59	65

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TABLE 13. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND STATE	ELECTRICAL			ENTRAPMENT			EXPLODING VESSELS UNDER PRESSURE			EXPLOSIVES AND BREAKING AGENTS			FALLING, ROLLING OR SLIDING MATERIAL			FALL OF FACE RIB, SIDE OR HIGHWALL			FALL OF ROOF (UNDERGROUND MINES ONLY)			FIRE			HANDLING MATERIAL			HANDTOOLS			NONPOWERED HAULAGE		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL
TOTAL UNDERGROUND:																																
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
ARIZONA	-	1	-	-	-	-	-	-	-	-	-	-	-	2	1	-	3	1	-	8	17	-	-	-	-	20	23	-	14	33	-	-	-
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	1	-	-	1	-	-	-	-
COLORADO	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	11	2	-	-	-	-	29	13	-	7	5	-	-	-
IDAHO	1	-	-	-	-	-	-	-	-	2	-	-	-	3	1	-	9	2	-	14	15	-	-	-	-	26	27	-	9	19	-	-	-
MICHIGAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-
MISSOURI	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	3	4	-	1	5	-	-	-
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	2	1	-	2	-	-	-	-
NEVADA	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	1	-	-	1	1	-	-	-	-	6	2	-	-	2	-	-	-
NEW JERSEY	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	2	2	-	-	2	-	-	-
NEW MEXICO	-	2	-	-	-	-	-	1	-	-	-	-	-	2	-	-	3	1	1	9	6	-	-	-	-	24	21	-	5	17	-	-	-
NEW YORK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	1	-	-	2	-	8	8	-	5	2	-	-	-
PENNSYLVANIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	3	-	-	1	-	-	-	-
SOUTH DAKOTA	-	-	-	-	-	-	-	1	-	2	-	-	-	-	-	-	3	-	-	2	5	-	-	-	-	13	25	-	5	12	-	1	-
TENNESSEE	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	2	2	-	10	5	-	-	-	-	19	8	-	7	3	-	-	-
UTAH	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	1	1	-	-	1	-	5	1	-	2	7	-	-	-
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	3	2	-	-	-	-	3	-	-	3	-	-	-	-
WYOMING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-
TOTAL	2	2	2	-	-	-	-	4	1	-	6	-	-	5	7	-	28	6	1	70	59	-	-	3	-	168	134	-	62	107	-	1	-
SURFACE MINES:																																
OPEN PIT:																																
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	4	-	-	-	-	-	-	-
ARIZONA	-	2	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	25	34	-	9	20	-	-	-
ARKANSAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	6	5	-	2	4	-	-	-
IDAHO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	1	-	3	2	-	-	-
MICHIGAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	8	-	7	6	-	1	-
MINNESOTA	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	1	-	1	-	-	-	-
MONTANA	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	9	-	3	7	-	-	-
NEVADA	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5	-	-	4	-	-	-
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH DAKOTA	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TENNESSEE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
TEXAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	2	18	-	-	9	-	-	-
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	2	-	2	1	-	-	-
WYOMING	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	5	-	-	-	-	-	2	-	-	-	-	-	1	-	-	2	-	-	-	-	-	3	-	-	97	85	-	27	53	-	1	-
DREDGE:																																
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	1	-	-	-	-
FLORIDA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-	1	1	-	-	-

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TABLE 13. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE			HOISTING			IGNITION OR EXPLOSION OF GAS OR DUST			IMPOUNDMENT			INUNDATION			MACHINERY			SLIPS OR FALLS OF PERSONS			STEPPING OR KNEELING ON OBJECT			STRIKING OR BUMPING			OTHER			TOTAL		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL
TOTAL UNDERGROUND:																																	
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	3	1
ARIZONA	-	9	7	-	1	-	-	-	-	-	-	-	-	-	-	-	10	9	-	16	3	-	6	1	-	1	-	-	-	-	-	91	95
CALIFORNIA	-	-	3	1	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	1	1	-	-	-	-	-	-	-	-	-	1	5	7
COLORADO	1	8	6	-	-	1	-	-	-	-	-	-	-	1	-	-	12	8	-	16	6	-	3	1	-	-	-	-	-	-	1	89	42
IDAHO	-	12	4	-	3	-	-	-	-	-	-	-	-	-	-	-	27	24	-	19	5	-	2	-	-	1	-	-	1	-	1	128	97
MICHIGAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-
MISSOURI	-	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2	5	-	2	1	-	-	-	-	-	-	-	1	1	1	11	19
MONTANA	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	4	-	3	2	-	2	-	-	-	-	-	-	-	-	20	8
NEVADA	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	7	4	-	6	1	-	4	-	-	-	-	-	1	-	-	29	12
NEW JERSEY	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	2	-	-	-	-	-	-	-	-	-	-	1	7
NEW MEXICO	1	10	5	-	-	-	-	-	-	-	-	-	-	-	-	-	16	13	-	22	23	-	3	-	-	-	1	-	-	1	2	93	92
NEW YORK	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	5	2	-	8	3	-	1	-	-	-	-	-	-	-	-	35	21
PENNSYLVANIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	3	-	-	1	-	-	-	-	-	-	-	-	12	-
SOUTH DAKOTA	-	8	2	-	-	-	-	-	-	-	-	-	-	-	-	-	17	7	-	5	8	-	1	-	-	1	1	-	-	-	-	58	61
TENNESSEE	1	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	5	3	-	13	2	-	3	-	-	-	-	-	-	-	1	65	28
UTAH	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	4	-	3	3	-	-	-	-	-	-	-	-	-	-	22	18
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	3	-	-	-	-	-	-	-	-	-	1	-	17	4
WYOMING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-
TOTAL	3	65	36	1	4	1	-	-	-	-	-	-	-	1	-	-	121	89	-	121	60	-	28	2	-	3	2	-	3	3	7	690	512
SURFACE MINES:																																	
OPEN PIT:																																	
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	-	-	-	-	-	-	-	-	1	-	-	9	-
ARIZONA	-	11	2	-	-	-	-	-	-	-	-	-	-	-	-	-	7	6	-	24	5	-	4	-	-	-	1	-	1	-	-	85	68
ARKANSAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	4	-	-	-	-	-	-	-	-	-	-	-	7	1
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2
IDAHO	-	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	10	-	-	-	-	-	-	-	-	1	-	-	23	14
MICHIGAN	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	4	1	-	-	-	-	-	-	-	-	-	-	16	4
MINNESOTA	1	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3	-	32	2	-	3	-	-	-	1	-	-	-	1	74	21
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	1
NEVADA	1	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	7	-	15	4	-	2	1	-	-	-	-	-	1	1	39	29
NEW MEXICO	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	2	-	-	-	-	-	-	-	-	-	2	-	14	12
SOUTH DAKOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	-	-	-	-	-	-	-	-	4	-
TENNESSEE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
TEXAS	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-
UTAH	1	4	2	-	-	-	-	1	-	-	-	-	-	-	-	-	1	4	-	3	6	-	-	1	-	-	-	-	-	1	1	12	41
WYOMING	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	6	2	-	-	-	-	-	-	-	-	-	-	21	5
TOTAL	3	36	7	-	-	-	-	1	-	-	-	-	-	-	-	-	20	29	-	103	20	-	12	2	-	-	2	-	6	1	3	316	199
DREDGE:																																	
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-
CALIFORNIA	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	-	-	-	-	-	-	-	-	-	8	2
FLORIDA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	3	1	-	-	-	-	-	-	-	-	-	-	7	4
TOTAL	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	-	5	2	-	-	-	-	-	-	-	-	-	-	16	6

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TABLE 13. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND STATE	ELECTRICAL			ENTRAPMENT			EXPLODING VESSELS UNDER PRESSURE			EXPLOSIVES AND BREAKING AGENTS			FALLING, ROLLING OR SLIDING MATERIAL			FALL OF FACE RIB, SIDE OR HIGHWALL			FALL OF ROOF (UNDERGROUND MINES ONLY)			FIRE			HANDLING MATERIAL			HANDTOOLS			NONPOWERED HAULAGE		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL
TOTAL SURFACE:																																	
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	4	-	-	-	-	-	-	-
ARIZONA	-	2	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	25	34	-	9	20	-	-	-
ARKANSAS	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	-	1	-	-	-	-
CALIFORNIA	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-	1	-	-	-
COLORADO	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-	-	-
FLORIDA	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	5	-	2	4	-	-	-
IDAHO	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	1	-	3	2	-	-	-
MICHIGAN	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	19	8	-	7	6	-	1	-
MINNESOTA	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	1	1	-	-	-
MONTANA	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	9	-	3	7	-	-	-
NEVADA	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5	-	-	4	-	-	-
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH DAKOTA	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
TENNESSEE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	18	-	-	9	-	-	-
TEXAS	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	10	2	-	2	1	-	-	-
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WYOMING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	5	-	-	-	-	-	2	-	-	-	-	-	1	-	-	2	-	-	-	-	-	3	-	-	104	85	-	28	54	-	1	-
TOTAL MINING:																																	
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	5	-	-	-	-	-	-	-
ARIZONA	-	3	-	-	-	-	-	-	-	-	-	-	-	3	1	-	3	-	-	8	17	-	1	-	-	45	57	-	23	53	-	-	-
ARKANSAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	9	-	-	2	-	-	-	-
CALIFORNIA	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	11	2	-	-	-	-	31	15	-	7	5	-	-	-
COLORADO	-	-	-	-	-	-	-	-	-	2	-	-	-	3	1	-	10	2	-	14	15	-	-	-	-	32	32	-	11	23	-	-	-
FLORIDA	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	1	-	3	2	-	-	-
IDAHO	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	8	-	7	6	-	1	-
MICHIGAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	3	4	-	1	5	-	-	-
MINNESOTA	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	4	2	-	3	9	-	-	-
MISSOURI	-	1	-	-	-	-	-	1	-	-	-	-	-	1	-	-	1	-	-	1	1	-	-	-	-	19	11	-	3	9	-	-	-
MONTANA	-	1	-	-	-	-	-	1	-	-	-	-	-	1	-	-	1	-	-	-	1	-	-	-	-	2	1	-	3	2	-	-	-
NEVADA	-	-	2	-	-	-	-	1	-	-	-	-	-	2	-	-	3	1	1	9	6	-	-	-	-	29	26	-	5	21	-	-	-
NEW JERSEY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	1	-	-	2	-	8	8	-	5	2	-	-	-
NEW MEXICO	-	1	-	-	-	-	-	1	-	2	-	-	-	3	2	-	3	2	-	2	-	-	-	-	-	3	-	-	1	-	-	-	-
NEW YORK	-	1	-	-	-	-	-	-	-	1	-	-	-	2	2	-	2	2	-	10	5	-	-	-	-	13	25	-	5	12	-	1	-
PENNSYLVANIA	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	2	-	-	1	1	-	-	1	-	7	19	-	2	16	-	-	-
SOUTH DAKOTA	-	1	-	-	-	-	-	1	-	2	-	-	-	2	-	-	1	-	-	3	2	-	-	-	-	3	-	-	3	-	-	-	-
TENNESSEE	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	11	2	-	2	1	-	-	-
TEXAS	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	2	-	10	5	-	-	-	-	19	8	-	5	3	-	-	-
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	-	-	1	1	-	-	1	-	7	19	-	2	16	-	-	-
WYOMING	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	3	2	-	-	-	-	3	-	-	3	1	-	-	-
TOTAL	2	7	2	-	-	-	-	6	1	-	6	-	-	6	7	-	30	6	1	70	59	-	3	3	-	272	219	-	90	161	-	2	-
INDEPENDENT SHOPS:																																	
MICHIGAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	-	-	-
MINNESOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	-	1	-	-	-
TENNESSEE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	-	1	4	-	-	-

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TABLE 13. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE			HOISTING			IGNITION OR EXPLOSION OF GAS OR DUST			IMPOUNDMENT			INUNDATION			MACHINERY			SLIPS OR FALLS OF PERSONS			STEPPING OR KNEELING ON OBJECT			STRIKING OR BUMPING			OTHER			TOTAL		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL
TOTAL SURFACE:																																	
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	3	-	-	-	-	-	-	-	-	1	-	-	10	-
ARIZONA	-	11	2	-	-	-	-	-	-	-	-	-	-	-	-	-	7	6	-	24	5	-	4	-	-	-	1	-	1	-	-	85	68
ARKANSAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
CALIFORNIA	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	5	1	-	-	-	-	-	-	-	-	-	-	15	3
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	4	2
FLORIDA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-	3	1	-	-	-	-	-	-	-	-	-	-	7	4
IDAHO	-	3	1	-	-	-	-	-	-	-	-	-	-	-	-	1	4	-	-	10	1	-	-	-	-	-	-	-	1	-	-	23	14
MICHIGAN	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	4	1	-	-	-	-	-	-	-	-	-	-	16	4
MINNESOTA	1	6	1	-	-	-	-	-	-	-	-	-	-	-	-	4	3	-	-	32	2	-	3	-	-	-	1	-	-	-	1	74	21
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	5	1
NEVADA	1	3	1	-	-	-	-	-	-	-	-	-	-	-	-	1	7	-	-	15	4	-	2	1	-	-	-	-	1	-	1	39	28
NEW MEXICO	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	-	2	-	-	2	-	-	-	-	-	2	-	-	14	12
SOUTH DAKOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	-	-	-	-	-	-	-	-	4	-
TENNESSEE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
TEXAS	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-
UTAH	1	4	2	-	-	-	-	1	-	-	-	-	-	-	-	1	4	-	-	3	6	-	-	1	-	-	-	-	1	-	-	12	41
WYOMING	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	6	2	-	-	-	-	-	-	-	-	-	-	21	5
TOTAL	3	37	7	-	-	-	-	1	-	-	-	-	-	-	-	22	32	-	108	22	-	12	2	-	-	2	-	6	1	3	332	205
TOTAL MINING:																																	
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARIZONA	-	20	9	-	1	-	-	-	-	-	-	-	-	-	-	17	15	-	40	8	-	10	1	-	1	-	-	1	-	-	-	13	1
ARKANSAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
CALIFORNIA	-	1	3	1	-	-	-	-	-	-	-	-	-	-	-	1	4	-	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-
COLORADO	1	8	6	-	-	1	-	-	-	-	-	-	1	-	-	14	8	-	16	6	-	3	1	-	-	-	-	-	-	-	1	176	163
FLORIDA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	3	1	-	-	-	-	-	-	-	-	-	-	1	20	10
IDAHO	-	15	5	-	3	-	-	-	-	-	-	-	-	-	-	27	28	-	29	5	-	2	-	-	-	1	-	2	-	-	1	93	44
MICHIGAN	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	4	1	-	-	-	-	-	-	-	-	-	-	1	151	111
MINNESOTA	1	6	1	-	-	-	-	-	-	-	-	-	-	-	-	4	3	-	32	2	-	3	-	-	-	1	-	-	-	-	1	74	21
MISSOURI	-	3	2	-	-	-	-	-	-	-	-	-	-	-	-	2	5	-	2	1	-	-	-	-	-	-	-	1	1	-	1	11	19
MONTANA	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	7	4	-	3	2	-	3	-	-	-	-	-	-	-	-	-	25	9
NEVADA	1	5	2	-	-	-	-	-	-	-	-	-	-	-	-	8	11	-	21	5	-	6	1	-	-	-	-	2	-	-	1	68	41
NEW JERSEY	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	2	-	-	-	-	-	-	-	-	-	-	-	7	7
NEW MEXICO	1	14	5	-	-	-	-	-	-	-	-	-	-	-	-	17	16	-	24	23	-	3	-	-	-	-	1	2	-	1	2	107	104
NEW YORK	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	5	2	-	8	3	-	1	-	-	-	-	-	-	-	1	-	35	21
PENNSYLVANIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	3	-	-	1	-	-	-	-	-	-	-	-	-	12	-
SOUTH DAKOTA	-	8	2	-	-	-	-	-	-	-	-	-	-	-	-	17	7	-	6	8	-	3	-	-	-	1	1	-	-	-	-	62	61
TENNESSEE	1	4	4	-	-	-	-	-	-	-	-	-	-	-	-	6	3	-	13	2	-	3	-	-	-	-	-	-	-	-	1	66	28
TEXAS	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-
UTAH	1	7	2	-	-	-	-	1	-	-	-	-	-	-	-	7	8	-	6	9	-	-	-	1	-	-	-	-	1	1	1	34	59
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	3	-	-	-	-	-	-	-	-	-	-	1	-	17	4
WYOMING	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	6	2	-	-	-	-	-	-	-	-	-	-	-	24	5
TOTAL	5	102	43	1	4	1	-	1	-	-	-	-	-	1	-	143	121	-	229	82	-	38	4	-	3	4	-	9	4	10	1,022	717
INDEPENDENT SHOPS:																																	
MICHIGAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	3
MINNESOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	7	2
TENNESSEE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	4	1
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	7	-	-	-	-	-	-	-	-	-	-	-	12	6

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TABLE 13. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND STATE	ELECTRICAL			ENTRAPMENT			EXPLODING VESSELS UNDER PRESSURE			EXPLOSIVES AND BREAKING AGENTS			FALLING, ROLLING OR SLIDING MATERIAL			FALL OF FACE RIB, SIDE OR HIGHWALL			FALL OF ROOF (UNDERGROUND MINES ONLY)			FIRE			HANDLING MATERIAL			HANDTOOLS			NONPOWERED HAULAGE		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL
PROCESSING PLANTS:																																	
ALABAMA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	-	-
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
ARIZONA	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	35	28	-	10	30	-	1	-
ARKANSAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	12	-	1	10	-	-	-
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	1	-	3	-	-	-	-
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	5	8	-	-	-
DELAWARE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-
GEORGIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IDAHO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-
ILLINOIS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOUISIANA	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	7	-	6	7	-	-	-
MICHIGAN	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	7	-	11	4	-	-	-
MINNESOTA	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	29	20	-	9	13	-	3	-
MISSOURI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	1	4	-	-	-
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	1	-	1	1	-	-	-
NEVADA	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	15	13	-	5	10	-	-	2
NEW JERSEY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-
NEW MEXICO	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	18	-	3	4	-	-	-
NEW YORK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	1	-	-	-	-
NORTH CAROLINA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
PENNSYLVANIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	2	-	-	-	-
SOUTH DAKOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
TENNESSEE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	5	-	-	3	-	-	-
TEXAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	8	-	3	8	1	-	-
UTAH	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	4	32	-	5	17	-	-	-
VIRGIN ISLANDS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	6	5	-	2	2	-	-	-
VIRGINIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WEST VIRGINIA	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	-	2	-	-	-	-
WYOMING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	3	1	-	-	-	-	3	2	-	-	-	-	-	2	-	-	-	-	-	-	-	1	2	-	187	167	-	74	124	1	4	2

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TABLE 13. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE			HOISTING			IGNITION OR EXPLOSION OF GAS OR DUST			IMPOUNDMENT			INUNDATION			MACHINERY			SLIPS OR FALLS OF PERSONS			STEPPING OR KNEELING ON OBJECT			STRIKING OR BUMPING			OTHER			TOTAL		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL
PROCESSING PLANTS:																																	
ALABAMA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	2	
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	
ARIZONA	-	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	5	10	-	28	9	-	2	-	-	1	-	-	1	1	-	86	8
ARKANSAS	-	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2	7	-	6	6	-	3	-	-	-	1	-	1	-	-	27	3
CALIFORNIA	-	1		-	-	-	-	-	-	-	-	-	-	-	-	-	8	3	-	7	1	-	2	-	-	-	-	-	-	-	-	29	
COLORADO	-	3		-	-	-	-	-	-	-	-	-	-	-	-	-	5	1	-	6	2	-	1	-	-	-	-	-	-	3	1	-	44	1
DELAWARE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	
FLORIDA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	5	
GEORGIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
IDAHO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	1	-	-	-	-	-	-	-	-	1	-	-	8	
ILLINOIS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
LOUISIANA	-	2		-	-	-	-	-	-	-	-	-	-	-	-	5	2	-	-	6	5	-	-	-	-	-	-	-	-	1	-	27	2
MICHIGAN	1	1		-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	8	1	-	3	-	-	1	-	-	-	-	1	40	1
MINNESOTA	-	2		-	-	-	-	1	-	-	-	-	-	-	-	4	5	1	25	2	-	3	1	-	3	-	-	-	2	-	1	8	4
MISSOURI	-	1		-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	3	1	-	1	-	-	-	1	-	-	-	-	-	9	
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	2	1	-	-	-	-	-	-	-	-	-	1	-	15	
NEVADA	-	2		-	-	-	-	-	-	-	-	-	-	-	-	3	5	-	4	1	-	-	-	-	-	1	-	-	1	-	-	31	3
NEW JERSEY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	
NEW MEXICO	-	1	2	-	-	-	-	1	-	-	-	-	-	-	-	1	8	-	8	10	-	-	-	-	-	1	-	-	1	1	-	21	4
NEW YORK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	4	-	-	-	-	-	-	-	-	-	-	-	-	6	
NORTH CAROLINA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PENNSYLVANIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	
SOUTH DAKOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
TENNESSEE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	3	2	-	-	-	-	-	1	-	-	-	-	-	6	1
TEXAS	-	1		-	-	-	-	-	-	-	-	-	-	-	-	2	4	-	5	5	-	-	-	-	-	-	-	-	-	-	-	19	2
UTAH	-	1		-	-	-	-	-	-	-	-	-	-	-	-	4	7	-	5	1	-	-	2	-	-	1	-	-	2	1	-	22	6
VIRGIN ISLANDS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	12	
VIRGINIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	
WEST VIRGINIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WYOMING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	4	-	-	-	1	-	-	-	-	1	-	-	10	
TOTAL	1	20	6	-	-	-	-	2	-	-	-	-	-	-	-	1	52	60	1	133	48	-	17	2	-	6	8	-	12	7	4	514	43

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TABLE 13. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND STATE	ELECTRICAL			ENTRAPMENT			EXPLODING VESSELS UNDER PRESSURE			EXPLOSIVES AND BREAKING AGENTS			FALLING, ROLLING OR SLIDING MATERIAL			FALL OF FACE RIB, SIDE OR HIGHWALL			FALL OF ROOF (UNDERGROUND MINES ONLY)			FIRE			HANDLING MATERIAL			HANDTOOLS			NONPOWERED HAULAGE		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL
TOTAL MINES AND PLNTS:																											1		1	1			
ALABAMA																							1			5			2				
ALASKA														3	2		3	1		8	17		1			80	85		33	83			1
ARIZONA		4															1				1					11	12		1	10			
ARKANSAS																										17	1		5				
CALIFORNIA										1							1			11	2					52	15		12	13			
COLORADO																																	
DELAWARE																										4	1			1			
FLORIDA																																	
GEORGIA										2				3	1		10	2		14	15					37	32		11	23			
IDAHO	1																									1							
ILLINOIS																										6	7		6	7			
LOUISIANA								2																		19	9		14	8			
MICHIGAN		1						1													1		2			51	29		16	20		4	
MINNESOTA		1																			1					5	4		2	9			
MISSOURI	1																			2	1					12	3		4	1			
MONTANA		1															1			1	1					34	24		8	19			2
NEVADA		1						2									1				1					2	2			3			
NEW JERSEY								1													1												
NEW MEXICO			2					1									3	1	1	9	6					35	44		8	25			
NEW YORK									1											6	1			2		9	11		6	2			
NORTH CAROLINA																											1						
PENNSYLVANIA																				2						5			3				
SOUTH DAKOTA		1							1		2						3			2	5					13	25		6	12		1	
TENNESSEE		1									1				1		2	2		10	5					21	13		8	7			
TEXAS																										9	8		3	8	1		
UTAH			1					1							1		2			1	1			2		11	51		7	33			
VIRGIN ISLANDS																								1		6	5		2	2			
VIRGINIA																																	
WASHINGTON																	2			3	2					3			3	1			
WEST VIRGINIA																																	
WYOMING								1									1			1						14	5		4	1			
TOTAL	2	10	3	-	-	-	-	9	3	-	6	-	-	6	9	-	30	6	1	70	59	-	4	5	-	462	388	-	165	289	1	6	2
OFFICE:																																	
CALIFORNIA																										1	1						
COLORADO																										2							
IDAHO																										1	2		1				
MINNESOTA																											1						
MISSOURI																											1						
NEVADA																										1	1						
NEW MEXICO																																	
VIRGIN ISLANDS																																	
WASHINGTON																																	
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6	-	1	-	-	-	-

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TABLE 13. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE			HOISTING			IGNITION OR EXPLOSION OF GAS OR DUST			IMPOUNDMENT			INUNDATION			MACHINERY			SLIPS OR FALLS OF PERSONS			STEPPING OR KNEELING ON OBJECT			STRIKING OR BUMPING			OTHER			TOTAL		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL
TOTAL MINES AND PLNTS:																																
ALABAMA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	2	-	-	2	
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	4	-	-	-	-	-	-	1	-	-	15	-	-	
ARIZONA	-	22	12	-	1	-	-	-	-	-	-	-	-	-	-	22	25	-	68	17	-	12	1	-	2	1	-	2	1	262	24		
ARKANSAS	-	3	1	-	-	-	-	-	-	-	-	-	-	-	-	2	8	-	6	6	-	3	-	-	-	1	-	1	-	27	3		
CALIFORNIA	-	2	3	1	-	-	-	-	-	-	-	-	-	-	-	9	7	-	13	3	-	2	-	-	-	-	-	-	-	49	1		
COLORADO	1	11	6	-	-	1	-	-	-	-	-	-	1	-	-	19	9	-	22	8	-	4	1	-	-	-	-	3	1	137	5		
DELAWARE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
FLORIDA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	6	1	-	-	-	-	-	-	-	-	-	12	-		
GEORGIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
IDAHO	-	15	5	-	3	-	-	-	-	-	-	-	-	-	-	28	29	-	30	6	-	2	-	-	1	-	-	3	1	159	11		
ILLINOIS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LOUISIANA	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	-	6	-	-	-	-	-	-	-	-	-	-	1	-		
MICHIGAN	1	4	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	13	2	-	3	-	-	-	-	-	-	-	27	2		
MINNESOTA	1	8	1	-	-	-	-	1	-	-	-	-	-	-	-	9	8	1	60	4	-	6	1	-	1	-	-	2	1	164	6		
MISSOURI	-	4	2	-	-	-	-	-	-	-	-	-	-	-	-	3	6	-	5	2	-	1	-	-	1	-	-	1	1	20	2		
MONTANA	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	11	4	-	5	3	-	3	-	-	-	-	-	1	1	40	1		
NEVADA	1	7	2	-	-	-	-	-	-	-	-	-	-	-	-	11	16	-	25	6	-	6	1	-	1	-	-	3	1	99	7		
NEW JERSEY	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	2	-	-	-	-	1	-	-	-	-	7	1		
NEW MEXICO	1	15	7	-	-	-	-	1	-	-	-	-	-	-	-	18	24	-	32	33	-	3	-	-	2	-	-	3	2	128	14		
NEW YORK	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	5	3	-	12	3	-	1	-	-	-	-	-	-	-	41	2		
NORTH CAROLINA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PENNSYLVANIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	3	-	-	1	-	-	-	-	-	-	-	17	-		
SOUTH DAKOTA	-	8	2	-	-	-	-	-	-	-	-	-	-	-	-	17	7	-	6	8	-	3	-	-	1	1	-	-	-	63	6		
TENNESSEE	1	4	4	-	-	-	-	-	-	-	-	-	-	-	-	7	5	-	19	4	-	3	-	-	-	-	-	-	-	76	4		
TEXAS	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4	-	5	5	-	-	-	-	1	-	-	-	-	21	2		
UTAH	1	8	2	-	-	-	-	1	-	-	-	-	-	-	-	1	11	15	11	10	-	2	1	-	1	2	-	3	2	56	12		
VIRGIN ISLANDS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-	-	-	-	-	-	-	-	-	-	12	-		
VIRGINIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-		
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	4	-	-	-	-	-	-	-	-	-	-	18	-		
WEST VIRGINIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WYOMING	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	10	2	-	-	1	-	-	-	-	1	-	34	1		
TOTAL	7	122	49	1	4	1	-	3	-	-	-	-	-	1	-	196	181	1	369	130	-	55	6	-	9	12	-	21	11	1,548	1,154		
OFFICE:																																
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-		
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-		
IDAHO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-	3	-		
MINNESOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-	4	-		
MISSOURI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
VIRGIN ISLANDS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-		
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	4	1	-	-	-	-	-	1	-	-	-	12	8		

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TABLE 13. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND STATE	ELECTRICAL			ENTRAPMENT			EXPLODING VESSELS UNDER PRESSURE			EXPLOSIVES AND BREAKING AGENTS			FALLING, ROLLING OR SLIDING MATERIAL			FALL OF FACE RIB, SIDE OR HIGHWALL			FALL OF ROOF (UNDERGROUND MINES ONLY)			FIRE			HANDLING MATERIAL			HANDTOOLS			NONPOWERED HAULAGE		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL
GRAND TOTAL:																																
ALABAMA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	-
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	5	-	-	2	-	-	-
ARIZONA	-	4	-	-	-	-	-	-	-	-	-	-	-	3	2	-	3	1	-	8	17	-	1	-	-	80	85	-	33	83	-	1	-
ARKANSAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	12	-	1	10	-	-	-
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	18	2	-	5	-	-	-	-
COLORADO	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	11	2	-	-	-	-	53	15	-	12	13	-	-	-
DELAWARE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1	-	-	1	-	-	-
GEORGIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IDAHO	1	-	-	-	-	-	-	-	-	-	2	-	-	3	1	-	10	2	-	14	15	-	-	-	-	39	32	-	11	23	-	-	-
ILLINOIS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
LOUISIANA	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	7	-	6	7	-	-	-
MICHIGAN	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	9	-	14	8	-	-	-
MINNESOTA	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	52	31	-	17	20	-	4	-
MISSOURI	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	5	5	-	2	9	-	-	-
MONTANA	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	12	3	-	4	1	-	-	-
NEVADA	-	1	-	-	-	-	-	2	-	-	-	-	-	-	-	-	1	-	-	1	1	-	-	-	-	34	25	-	8	19	-	-	-
NEW JERSEY	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	1	1	-	-	-	-	2	2	-	-	3	-	-	-
NEW MEXICO	-	2	-	-	-	-	-	1	1	-	-	-	-	-	-	-	3	1	1	9	6	-	-	-	-	36	45	-	8	25	-	-	-
NEW YORK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	1	-	-	2	-	9	11	-	6	2	-	-	-
NORTH CAROLINA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
PENNSYLVANIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	5	-	-	3	-	-	-	-
SOUTH DAKOTA	-	1	-	-	-	-	-	-	1	-	2	-	-	-	-	-	3	-	-	2	5	-	-	-	-	13	25	-	6	12	-	1	-
TENNESSEE	-	1	-	-	-	-	-	-	-	-	1	-	-	-	1	-	2	2	-	10	5	-	-	-	-	21	13	-	8	7	-	-	-
TEXAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	8	-	3	8	1	-	-
UTAH	-	?	-	-	-	-	-	1	-	-	-	-	-	-	1	-	2	-	-	1	1	-	-	2	-	11	51	-	7	33	-	-	-
VIRGIN ISLANDS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	6	5	-	2	2	-	-	-
VIRGINIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	3	2	-	-	-	-	3	-	-	3	1	-	-	-
WEST VIRGINIA	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WYOMING	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	14	5	-	4	1	-	-	-
TOTAL	2	10	3	-	-	-	-	9	3	-	6	-	-	6	9	-	30	6	1	70	59	-	4	5	-	468	394	-	166	289	1	6	-

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12.3

TABLE 13. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE			HOISTING			IGNITION OR EXPLOSION OF GAS OR DUST			IMPOUNDMENT			INUNDATION			MACHINERY			SLIPS OR FALLS OF PERSONS			STEPPING OR KNEELING ON OBJECT			STRIKING OR BUMPING			OTHER			TOTAL		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL
GRAND TOTAL:																																
ALABAMA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	2	
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	4	-	-	-	-	-	-	-	-	1	-	-	15	
ARIZONA	-	22	12	-	1	-	-	-	-	-	-	-	-	-	-	-	22	25	-	68	17	-	12	1	-	2	1	-	2	1	-	262	24
ARKANSAS	-	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2	8	-	6	6	-	3	-	-	-	1	-	1	-	-	27	3
CALIFORNIA	-	2	3	1	-	-	-	-	-	-	-	-	-	-	-	-	9	7	-	13	3	-	2	-	-	-	-	-	-	1	1	50	1
COLORADO	1	11	6	-	-	1	-	-	-	-	-	-	-	1	-	-	19	9	-	23	8	-	4	1	-	-	-	-	3	1	1	139	5
DELAWARE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	
FLORIDA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	8	1	-	-	-	-	-	-	-	-	-	-	12	
GEORGIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
IDAHO	-	15	5	-	3	-	-	-	-	-	-	-	-	-	-	-	28	29	-	31	6	-	2	-	-	1	-	-	3	-	1	162	11
ILLINOIS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
LOUISIANA	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	2	-	6	5	-	-	-	-	-	-	-	1	-	-	27	2
MICHIGAN	1	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	13	2	-	3	-	-	1	-	-	-	-	1	59	1
MINNESOTA	1	8	1	-	-	-	-	1	-	-	-	-	-	-	-	-	9	8	1	62	5	-	6	1	-	3	1	-	2	-	2	168	6
MISSOURI	-	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	3	6	-	5	2	-	1	-	-	-	1	-	-	1	1	20	2
MONTANA	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	4	-	5	3	-	3	-	-	-	1	-	-	-	-	40	1
NEVADA	1	7	2	-	-	-	-	-	-	-	-	-	-	-	-	-	11	16	-	25	6	-	6	1	-	-	1	-	3	-	1	99	7
NEW JERSEY	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	2	-	-	-	-	-	1	-	-	-	-	7	1
NEW MEXICO	1	15	7	-	-	-	-	1	-	-	-	-	-	-	-	-	18	24	-	32	33	-	3	-	-	-	2	-	3	2	2	129	15
NEW YORK	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	5	3	-	12	3	-	1	-	-	-	-	-	-	1	-	41	2
NORTH CAROLINA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PENNSYLVANIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	3	-	-	1	-	-	-	-	-	-	-	-	17	
SOUTH DAKOTA	-	8	2	-	-	-	-	-	-	-	-	-	-	-	-	-	17	7	-	6	8	-	3	-	-	1	1	-	-	-	-	63	6
TENNESSEE	1	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	7	5	-	19	4	-	3	-	-	-	-	-	-	1	1	76	4
TEXAS	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4	-	5	5	-	-	-	-	-	1	-	-	-	1	21	2
UTAH	1	8	2	-	-	-	-	1	-	-	-	-	-	-	-	1	11	15	-	11	10	-	2	1	-	1	2	-	-	3	2	56	12
VIRGIN ISLANDS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	1	-	-	-	-	-	-	1	-	1	-	-	12	
VIRGINIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	-	4	-	-	-	-	-	-	-	-	1	-	-	19	
WEST VIRGINIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WYOMING	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	10	2	-	-	1	-	-	-	-	1	-	-	34	1
TOTAL	7	122	49	1	4	1	-	3	-	-	-	-	-	1	-	1	197	181	1	373	131	-	55	6	-	9	13	-	21	11	14	1,560	1,16

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TABLE 14. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983

WORK LOCATION AND STATE	ELECTRICAL		ENTRAPMENT		EXPLODING VESSELS UNDER PRESSURE		EXPLOSIVES AND BREAKING AGENTS		FALLING, ROLLING OR SLIDING MATERIAL		FALL OF FACE RIB, SIDE OR HIGHWALL		FALL OF ROOF (UNDERGROUND MINES ONLY)		FIRE		HANDLING MATERIAL		HANDTOOLS		NONPOWERED HAULAGE	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
UNDERGROUND MINES:																						
UNDERGROUND:																						
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARIZONA	-	1	-	-	-	-	-	-	-	39	-	253	-	72	-	-	-	1,058	-	379	-	-
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	30	-	-	-	-	-	-	-	22	-	-
COLORADO	-	-	-	-	-	-	-	10	-	-	-	40	-	118	-	-	-	385	-	91	-	-
IDAHO	6,000	-	-	-	-	-	-	14	-	28	-	207	-	640	-	-	-	378	-	[illegible]	-	-
MICHIGAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44	-	-	-	-
MISSOURI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	85	-	5	-	-
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	60	-	-	-	95	-	19	-	-
NEVADA	-	-	-	-	-	4	-	-	-	-	-	75	-	5	-	-	-	246	-	-	-	-
NEW JERSEY	-	-	-	-	-	2	-	-	-	-	-	125	-	-	-	-	-	60	-	-	-	-
NEW MEXICO	-	-	-	-	-	1	-	-	-	-	-	49	6,000	154	-	-	-	533	-	92	-	-
NEW YORK	-	-	-	-	-	-	-	-	-	-	-	-	-	252	-	-	-	736	-	441	-	-
PENNSYLVANIA	-	-	-	-	-	-	-	-	-	-	-	-	-	38	-	-	-	45	-	5	-	-
SOUTH DAKOTA	-	-	-	-	-	-	-	30	-	-	-	63	-	34	-	-	-	355	-	320	-	48
TENNESSEE	-	-	-	-	-	-	-	5	-	-	-	5	-	6,168	-	-	-	653	-	61	-	-
UTAH	-	-	-	-	-	33	-	-	-	-	-	10	-	6	-	-	-	128	-	11	-	-
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	10	-	23	-	-	-	78	-	56	-	-
WYOMING	-	-	-	-	-	-	-	-	-	-	-	4	-	49	-	-	-	35	-	-	-	-
TOTAL	6,000	1	-	-	-	40	-	59	-	67	-	871	6,000	7,619	-	-	-	4,914	-	1,753	-	48
SURFACE AT UG:																						
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	337	-	3	-	-
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	93	-	-	-	-
IDAHO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	2	-	-
MISSOURI	6,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	-
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-	-	-	-
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28	-	-	-	-
PENNSYLVANIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH DAKOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	17	-	-
TENNESSEE	-	112	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39	-	-	-	-
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
TOTAL	6,000	112	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	565	-	24	-	-

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TABLE 14. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE		HOISTING		IGNITION OR EXPLOSION OF GAS OR DUST		IMPOUNDMENT		INUNDATION		MACHINERY		SLIPS OR FALLS OF PERSONS		STEPPING OR KNEELING ON OBJECT		STRIKING OR BUMPING		OTHER		TOTAL	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
UNDERGROUND MINES:																						
UNDERGROUND:																						
ALASKA	-	-	-	-	-	-	-	-	-	-	-	6	-	60	-	-	-	-	-	-	-	66
ARIZONA	-	170	-	1	-	-	-	-	-	-	-	935	-	398	-	52	-	75	-	-	-	3,433
CALIFORNIA	-	-	6,000	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	6,000	55
COLORADO	6,000	247	-	-	-	-	-	-	-	27	-	268	-	223	-	5	-	-	-	-	6,000	1,414
IDAHO	-	541	-	305	-	-	-	-	-	-	-	788	-	636	-	11	-	130	-	6	6,000	3,935
MICHIGAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44
MISSOURI	-	135	-	-	-	-	-	-	-	-	-	34	-	26	-	-	-	-	-	-	-	285
MONTANA	-	56	-	-	-	-	-	-	-	-	-	457	-	52	-	55	-	-	-	-	-	794
NEVADA	-	601	-	-	-	-	-	-	-	-	-	122	-	103	-	32	-	-	-	89	-	1,277
NEW JERSEY	-	27	-	-	-	-	-	-	-	-	-	45	-	-	-	-	-	-	-	-	-	259
NEW MEXICO	6,000	178	-	-	-	-	-	-	-	-	-	371	-	872	-	50	-	-	-	-	12,000	2,300
NEW YORK	-	31	-	-	-	-	-	-	-	-	-	30	-	255	-	2	-	-	-	-	-	1,747
PENNSYLVANIA	-	-	-	-	-	-	-	-	-	-	-	15	-	18	-	5	-	-	-	-	-	126
SOUTH DAKOTA	-	414	-	-	-	-	-	-	-	-	-	493	-	254	-	57	-	2	-	-	-	2,070
TENNESSEE	6,000	75	-	-	-	-	-	-	-	-	-	36	-	349	-	42	-	-	-	-	6,000	7,394
UTAH	-	43	-	-	-	-	-	-	-	-	-	93	-	23	-	-	-	-	-	-	-	347
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	35	-	16	-	-	-	-	-	5	-	223
WYOMING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	88
TOTAL	18,000	2,518	6,000	306	-	-	-	-	-	27	-	3,731	-	3,285	-	311	-	207	-	100	36,000	25,857
SURFACE AT UG:																						
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
ARIZONA	-	3	-	-	-	-	-	-	-	-	-	1,556	-	197	-	10	-	-	-	-	-	2,106
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	9
COLORADO	-	9	-	-	-	-	-	-	-	-	-	-	-	66	-	6	-	-	-	-	-	174
IDAHO	-	4	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	29
MISSOURI	-	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000	16
MONTANA	-	-	-	-	-	-	-	-	-	-	-	9	-	-	-	-	-	-	-	-	-	24
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	2	-	-	-	-	-	18
NEW MEXICO	-	380	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	408
PENNSYLVANIA	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	4
SOUTH DAKOTA	-	329	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	361
TENNESSEE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-	-	-	126
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	40
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-	-	-	-	-	-	-	11
TOTAL	-	741	-	-	-	-	-	-	-	-	-	1,565	-	292	-	32	-	-	-	-	6,000	3,331

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TABLE 14. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND STATE	ELECTRICAL		ENTRAPMENT		EXPLODING VESSELS UNDER PRESSURE		EXPLOSIVES AND BREAKING AGENTS		FALLING, ROLLING OR SLIDING MATERIAL		FALL OF FACE RIB, SIDE OR HIGHWALL		FALL OF ROOF (UNDERGROUND MINES ONLY)		FIRE		HANDLING MATERIAL		HANDTOOLS		NONPOWERED HAULAGE	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
TOTAL UNDERGROUND:																						
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-
ARIZONA	-	1	-	-	-	-	-	-	-	39	-	253	-	72	-	-	-	1,395	-	382	-	-
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	30	-	-	-	-	-	3	-	22	-	-
COLORADO	-	-	-	-	-	-	-	10	-	-	-	40	-	118	-	-	-	478	-	91	-	-
IDAHO	6,000	-	-	-	-	-	-	14	-	28	-	207	-	640	-	-	-	399	-	253	-	-
MICHIGAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44	-	-	-	-
MISSOURI	6,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	85	-	5	-	-
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	60	-	-	-	110	-	19	-	-
NEVADA	-	-	-	-	-	4	-	-	-	-	-	75	-	5	-	-	-	255	-	-	-	-
NEW JERSEY	-	-	-	-	-	2	-	-	-	-	-	125	-	-	-	-	-	60	-	-	-	-
NEW MEXICO	-	-	-	-	-	1	-	-	-	-	-	49	6,000	154	-	-	-	561	-	92	-	-
NEW YORK	-	-	-	-	-	-	-	-	-	-	-	-	-	252	-	-	-	736	-	441	-	-
PENNSYLVANIA	-	-	-	-	-	-	-	-	-	-	-	-	-	38	-	-	-	45	-	5	-	-
SOUTH DAKOTA	-	-	-	-	-	-	-	30	-	-	-	63	-	34	-	-	-	370	-	337	-	48
TENNESSEE	-	112	-	-	-	-	-	5	-	-	-	5	-	6,168	-	-	-	653	-	61	-	-
UTAH	-	-	-	-	-	33	-	-	-	-	-	10	-	6	-	-	-	167	-	11	-	-
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	10	-	23	-	-	-	79	-	58	-	-
WYOMING	-	-	-	-	-	-	-	-	-	-	-	4	-	49	-	-	-	35	-	-	-	-
TOTAL	12,000	113	-	-	-	40	-	59	-	67	-	871	6,000	7,619	-	-	-	5,479	-	1,777	-	48
SURFACE MINES:																						
OPEN PIT:																						
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	26	-	-	-	-
ARIZONA	-	4	-	-	-	-	-	-	-	48	-	-	-	-	-	6	-	340	-	273	-	-
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	71	-	-	-	-
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-
IDAHO	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	43	-	4	-	-
MICHIGAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40	-	121	-	-
MINNESOTA	-	-	-	-	-	15	-	-	-	-	-	-	-	-	-	41	-	1,266	-	144	-	7
MONTANA	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-	45	-	-
NEVADA	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	250	-	30	-	-
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	80	-	-	-	-
SOUTH DAKOTA	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TENNESSEE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEXAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-
UTAH	-	-	-	-	-	-	-	-	-	-	-	32	-	-	-	-	-	77	-	-	-	-
WYOMING	-	-	-	-	-	55	-	-	-	-	-	-	-	-	-	-	-	319	-	11	-	-
TOTAL	-	17	-	-	-	70	-	-	-	48	-	37	-	-	-	58	-	2,530	-	628	-	7
DREDGE:																						
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	-	7	-	-
FLORIDA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	76	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	124	-	7	-	-

TABLE 14. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE		HOISTING		IGNITION OR EXPLOSION OF GAS OR DUST		IMPOUNDMENT		INUNDATION		MACHINERY		SLIPS OR FALLS OF PERSONS		STEPPING OR KNEELING ON OBJECT		STRIKING OR BUMPING		OTHER		TOTAL	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
TOTAL UNDERGROUND:																						
ALASKA	-	-	-	-	-	-	-	-	-	-	-	6	-	60	-	-	-	-	-	-	-	71
ARIZONA	-	173	-	1	-	-	-	-	-	-	-	2,491	-	595	-	62	-	75	-	-	-	5,539
CALIFORNIA	-	-	6,000	-	-	-	-	-	-	-	-	3	-	6	-	-	-	-	-	-	6,000	64
COLORADO	6,000	256	-	-	-	-	-	-	-	27	-	268	-	289	-	11	-	-	-	-	6,000	1,588
IDAHO	-	545	-	305	-	-	-	-	-	-	-	788	-	638	-	11	-	130	-	6	6,000	3,964
MICHIGAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44
MISSOURI	-	151	-	-	-	-	-	-	-	-	-	34	-	26	-	-	-	-	-	-	6,000	301
MONTANA	-	56	-	-	-	-	-	-	-	-	-	466	-	52	-	55	-	-	-	-	-	818
NEVADA	-	601	-	-	-	-	-	-	-	-	-	122	-	110	-	34	-	-	-	89	-	1,295
NEW JERSEY	-	27	-	-	-	-	-	-	-	-	-	45	-	-	-	-	-	-	-	-	-	259
NEW MEXICO	6,000	558	-	-	-	-	-	-	-	-	-	371	-	872	-	50	-	-	-	-	12,000	2,708
NEW YORK	-	31	-	-	-	-	-	-	-	-	-	30	-	255	-	2	-	-	-	-	-	1,747
PENNSYLVANIA	-	-	-	-	-	-	-	-	-	-	-	15	-	22	-	5	-	-	-	-	-	130
SOUTH DAKOTA	-	743	-	-	-	-	-	-	-	-	-	493	-	254	-	57	-	2	-	-	-	2,431
TENNESSEE	6,000	75	-	-	-	-	-	-	-	-	-	36	-	349	-	56	-	-	-	-	6,000	7,520
UTAH	-	43	-	-	-	-	-	-	-	-	-	93	-	24	-	-	-	-	-	-	-	387
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	35	-	25	-	-	-	-	-	5	-	234
WYOMING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	88
TOTAL	18,000	3,259	6,000	306	-	-	-	-	-	27	-	5,296	-	3,577	-	343	-	207	-	100	42,000	29,188
SURFACE MINES:																						
OPEN PIT:																						
ALASKA	-	-	-	-	-	-	-	-	-	-	-	15	-	18	-	-	-	-	-	4	-	74
ARIZONA	-	607	-	-	-	-	-	-	-	-	-	252	-	413	-	92	-	-	-	10	-	2,045
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	82	-	-	-	-	-	-	-	153
COLORADO	-	-	-	-	-	-	-	-	-	-	-	26	-	-	-	-	-	-	-	-	-	32
IDAHO	-	57	-	-	-	-	-	-	-	-	-	-	-	204	-	-	-	-	-	18	-	331
MICHIGAN	-	75	-	-	-	-	-	-	-	-	-	12	-	120	-	-	-	-	-	-	-	368
MINNESOTA	6,000	87	-	-	-	-	-	-	-	-	-	43	-	1,127	-	76	-	-	-	-	6,000	2,806
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	63
NEVADA	6,000	69	-	-	-	-	-	-	-	-	-	3	-	224	-	5	-	-	-	2	6,000	588
NEW MEXICO	-	81	-	-	-	-	-	-	-	-	-	45	-	19	-	-	-	-	-	8	-	233
SOUTH DAKOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	5	-	-	-	-	-	12
TENNESSEE	-	-	-	-	-	-	-	-	-	-	-	37	-	-	-	-	-	-	-	-	-	37
TEXAS	-	139	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	142
UTAH	6,000	431	-	-	-	19	-	-	-	-	-	18	-	1,584	-	-	-	-	-	-	6,000	2,161
WYOMING	-	10	-	-	-	-	-	-	-	-	-	72	-	223	-	-	-	-	-	-	-	690
TOTAL	18,000	1,556	-	-	-	19	-	-	-	-	-	523	-	4,017	-	183	-	-	-	42	18,000	9,735
DREDGE:																						
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	32	-	-	-	-	-	-	-	32
CALIFORNIA	-	1	-	-	-	-	-	-	-	-	-	-	-	31	-	-	-	-	-	-	-	87
FLORIDA	-	-	-	-	-	-	-	-	-	-	-	4	-	39	-	-	-	-	-	-	-	119
TOTAL	-	1	-	-	-	-	-	-	-	-	-	4	-	102	-	-	-	-	-	-	-	239

TABLE 14. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND STATE	ELECTRICAL		ENTRAPMENT		EXPLODING VESSELS UNDER PRESSURE		EXPLOSIVES AND BREAKING AGENTS		FALLING, ROLLING OR SLIDING MATERIAL		FALL OF FACE RIB, SIDE OR HIGHWALL		FALL OF ROOF (UNDERGROUND MINES ONLY)		FIRE		HANDLING MATERIAL		HANDTOOLS		NONPOWERED HAULAGE	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
TOTAL SURFACE:																						
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	26	-	-	-	-
ARIZONA	-	4	-	-	-	-	-	-	-	48	-	-	-	-	-	6	-	340	-	273	-	-
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	119	-	7	-	-
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-
FLORIDA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	76	-	-	-	-
IDAHO	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	43	-	4	-	-
MICHIGAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40	-	121	-	-
MINNESOTA	-	-	-	-	-	15	-	-	-	-	-	-	-	-	-	41	-	1,266	-	144	-	7
MONTANA	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-	45	-	-
NEVADA	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	250	-	30	-	-
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	80	-	-	-	-
SOUTH DAKOTA	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TENNESSEE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEXAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-
UTAH	-	-	-	-	-	-	-	-	-	-	-	32	-	-	-	-	-	77	-	-	-	-
WYOMING	-	-	-	-	-	55	-	-	-	-	-	-	-	-	-	-	-	319	-	11	-	-
TOTAL	-	17	-	-	-	70	-	-	-	48	-	37	-	-	-	58	-	2,654	-	635	-	7
TOTAL MINING:																						
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	31	-	-	-	-
ARIZONA	-	5	-	-	-	-	-	-	-	87	-	253	-	72	-	6	-	1,735	-	655	-	-
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	30	-	-	-	-	-	122	-	29	-	-
COLORADO	-	-	-	-	-	-	-	10	-	-	-	40	-	118	-	-	-	484	-	91	-	-
FLORIDA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	76	-	-	-	-
IDAHO	6,000	-	-	-	-	-	-	14	-	28	-	212	-	640	-	-	-	442	-	257	-	-
MICHIGAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	84	-	121	-	-
MINNESOTA	-	-	-	-	-	15	-	-	-	-	-	-	-	-	-	41	-	1,266	-	144	-	7
MISSOURI	6,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	85	-	5	-	-
MONTANA	-	4	-	-	-	-	-	-	-	-	-	-	-	60	-	-	-	119	-	64	-	-
NEVADA	-	5	-	-	-	4	-	-	-	-	-	75	-	5	-	-	-	505	-	30	-	-
NEW JERSEY	-	-	-	-	-	2	-	-	-	-	-	125	-	-	-	-	-	60	-	-	-	-
NEW MEXICO	-	-	-	-	-	1	-	-	-	-	-	49	6,000	154	-	-	-	641	-	92	-	-
NEW YORK	-	-	-	-	-	-	-	-	-	-	-	-	-	252	-	-	-	736	-	441	-	-
PENNSYLVANIA	-	-	-	-	-	-	-	-	-	-	-	-	-	38	-	-	-	45	-	5	-	-
SOUTH DAKOTA	-	4	-	-	-	-	-	30	-	-	-	63	-	34	-	-	-	370	-	337	-	48
TENNESSEE	-	112	-	-	-	-	-	5	-	-	-	5	-	6,168	-	-	-	653	-	61	-	-
TEXAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-
UTAH	-	-	-	-	-	33	-	-	-	-	-	42	-	6	-	-	-	244	-	11	-	-
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	10	-	23	-	-	-	78	-	58	-	-
WYOMING	-	-	-	-	-	55	-	-	-	-	-	4	-	49	-	-	-	354	-	11	-	-
TOTAL	12,000	130	-	-	-	110	-	59	-	115	-	908	6,000	7,619	-	58	-	8,133	-	2,412	-	55
INDEPENDENT SHOPS:																						
MICHIGAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MINNESOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57	-	-	-	-
TENNESSEE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57	-	1	-	-

PUBLIC ACCESS

TABLE 14. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE		HOISTING		IGNITION OR EXPLOSION OF GAS OR DUST		IMPOUNDMENT		INUNDATION		MACHINERY		SLIPS OR FALLS OF PERSONS		STEPPING OR KNEELING ON OBJECT		STRIKING OR BUMPING		OTHER		TOTAL	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
TOTAL SURFACE:																						
ALASKA	-	-	-	-	-	-	-	-	-	-	-	15	-	50	-	-	-	-	-	4	-	106
ARIZONA	-	607	-	-	-	-	-	-	-	-	-	252	-	413	-	92	-	-	-	10	-	2,045
CALIFORNIA	-	1	-	-	-	-	-	-	-	-	-	-	-	113	-	-	-	-	-	-	-	240
COLORADO	-	-	-	-	-	-	-	-	-	-	-	26	-	-	-	-	-	-	-	-	-	32
FLORIDA	-	-	-	-	-	-	-	-	-	-	-	4	-	39	-	-	-	-	-	-	-	119
IDAHO	-	57	-	-	-	-	-	-	-	-	-	-	-	204	-	-	-	-	-	18	-	331
MICHIGAN	-	75	-	-	-	-	-	-	-	-	-	12	-	120	-	-	-	-	-	-	-	368
MINNESOTA	6,000	87	-	-	-	-	-	-	-	-	-	43	-	1,127	-	76	-	-	-	-	6,000	2,806
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	63
NEVADA	6,000	69	-	-	-	-	-	-	-	-	-	3	-	224	-	5	-	-	-	2	6,000	588
NEW MEXICO	-	81	-	-	-	-	-	-	-	-	-	45	-	19	-	-	-	-	-	8	-	233
SOUTH DAKOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-	5	-	-	-	-	-	12
TENNESSEE	-	-	-	-	-	-	-	-	-	-	-	37	-	-	-	-	-	-	-	-	-	37
TEXAS	-	139	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	142
UTAH	6,000	431	-	-	-	19	-	-	-	-	-	18	-	1,584	-	-	-	-	-	-	6,000	2,161
WYOMING	-	10	-	-	-	-	-	-	-	-	-	72	-	223	-	-	-	-	-	-	-	690
TOTAL	18,000	1,557	-	-	-	19	-	-	-	-	-	527	-	4,119	-	183	-	-	-	42	18,000	9,973
TOTAL MINING:																						
ALASKA	-	-	-	-	-	-	-	-	-	-	-	21	-	110	-	-	-	-	-	4	-	177
ARIZONA	-	780	-	1	-	-	-	-	-	-	-	2,743	-	1,008	-	154	-	75	-	10	-	7,584
CALIFORNIA	-	1	6,000	-	-	-	-	-	-	-	-	3	-	119	-	-	-	-	-	-	6,000	304
COLORADO	6,000	256	-	-	-	-	-	-	-	27	-	294	-	289	-	12	-	-	-	-	6,000	1,620
FLORIDA	-	-	-	-	-	-	-	-	-	-	-	4	-	39	-	-	-	-	-	-	-	119
IDAHO	-	602	-	305	-	-	-	-	-	-	-	788	-	842	-	11	-	130	-	24	6,000	4,295
MICHIGAN	-	75	-	-	-	-	-	-	-	-	-	12	-	120	-	-	-	-	-	-	-	412
MINNESOTA	6,000	87	-	-	-	-	-	-	-	-	-	43	-	1,127	-	76	-	-	-	-	6,000	2,806
MISSOURI	-	151	-	-	-	-	-	-	-	-	-	34	-	26	-	-	-	-	-	-	6,000	301
MONTANA	-	56	-	-	-	-	-	-	-	-	-	466	-	52	-	60	-	-	-	-	-	881
NEVADA	6,000	670	-	-	-	-	-	-	-	-	-	125	-	334	-	39	-	-	-	91	6,000	1,883
NEW JERSEY	-	27	-	-	-	-	-	-	-	-	-	45	-	-	-	-	-	-	-	-	-	259
NEW MEXICO	6,000	639	-	-	-	-	-	-	-	-	-	16	-	891	-	50	-	-	-	8	12,000	2,941
NEW YORK	-	31	-	-	-	-	-	-	-	-	-	30	-	255	-	2	-	-	-	-	-	1,747
PENNSYLVANIA	-	-	-	-	-	-	-	-	-	-	-	15	-	22	-	5	-	-	-	-	-	130
SOUTH DAKOTA	-	743	-	-	-	-	-	-	-	-	-	493	-	257	-	62	-	2	-	-	-	2,443
TENNESSEE	6,000	75	-	-	-	-	-	-	-	-	-	73	-	349	-	56	-	-	-	-	6,000	7,557
TEXAS	-	139	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	142
UTAH	5,000	474	-	-	-	19	-	-	-	-	-	111	-	1,608	-	-	-	-	-	-	6,000	2,548
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	35	-	25	-	-	-	-	-	5	-	234
WYOMING	-	10	-	-	-	-	-	-	-	-	-	72	-	223	-	-	-	-	-	-	-	778
TOTAL	36,000	4,816	6,000	306	-	19	-	-	-	27	-	5,823	-	7,696	-	526	-	207	-	142	60,000	39,161
INDEPENDENT SHOPS:																						
MICHIGAN	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	5
MINNESOTA	-	-	-	-	-	-	-	-	-	-	-	35	-	65	-	-	-	-	-	-	-	157
TENNESSEE	-	-	-	-	-	-	-	-	-	-	-	-	-	22	-	-	-	-	-	-	-	23
TOTAL	-	-	-	-	-	-	-	-	-	-	-	35	-	92	-	-	-	-	-	-	-	185

BEST COPY AVAILABLE

TABLE 14. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND STATE	ELECTRICAL		ENTRAPMENT		EXPLODING VESSELS UNDER PRESSURE		EXPLOSIVES AND BREAKING AGENTS		FALLING, ROLLING OR SLIDING MATERIAL		FALL OF FACE RIB, SIDE OR HIGHWALL		FALL OF ROOF (UNDERGROUND MINES ONLY)		FIRE		HANDLING MATERIAL		HANDTOOLS		NONPOWERED HAULAGE	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
PROCESSING PLANTS:																						
ALABAMA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	-	-
ARIZONA	-	133	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	461	-	376	-	3
ARKANSAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	411	-	63	-	-
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	289	-	51	-	-
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	522	-	34	-	-
DELAWARE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	-	-	-
IDAHO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	167	-	-	-	-
ILLINOIS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-
LOUISIANA	-	-	-	-	-	40	-	-	-	-	-	-	-	-	-	-	-	161	-	520	-	-
MICHIGAN	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	268	-	224	-	-
MINNESOTA	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	17	-	1,161	-	283	-	38
MISSOURI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	81	-	12	-	-
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	180	-	7	-	-
NEVADA	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	413	-	148	-	-
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	162	-	32	-	-
NEW YORK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-	2	-	-
PENNSYLVANIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	46	-	-
SOUTH DAKOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-	-
TENNESSEE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-	-
TEXAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	234	-	38	6,000	-
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	194	-	257	-	-
VIRGIN ISLANDS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47	-	8	-	-
VIRGINIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WYOMING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	-	57	-	-
TOTAL	-	142	-	-	-	41	-	-	-	-	-	-	-	-	-	17	-	4,823	-	2,188	6,000	41

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TABLE 14. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE		HOISTING		IGNITION OR EXPLOSION OF GAS OR DUST		IMPOUNDMENT		INUNDATION		MACHINERY		SLIPS OR FALLS OF PERSONS		STEPPING OR KNEELING ON OBJECT		STRIKING OR BUMPING		OTHER		TOTAL	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
PROCESSING PLANTS:																						
ALABAMA	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	6
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17
ARIZONA	-	231	-	-	-	-	-	-	-	-	-	216	-	904	-	23	-	1	-	4	-	2,352
ARKANSAS	-	52	-	-	-	-	-	-	-	-	-	1,028	-	454	-	37	-	-	-	14	-	2,059
CALIFORNIA	-	61	-	-	-	-	-	-	-	-	-	290	-	125	-	22	-	-	-	-	-	838
COLORADO	-	26	-	-	-	-	-	-	-	-	-	107	-	90	-	7	-	-	-	5	-	791
DELAWARE	-	-	-	-	-	-	-	-	-	-	-	-	-	70	-	-	-	-	-	-	-	70
FLORIDA	-	-	-	-	-	-	-	-	-	-	-	-	-	47	-	-	-	-	-	-	-	55
IDAHO	-	-	-	-	-	-	-	-	-	-	-	132	-	66	-	-	-	-	-	10	-	375
ILLINOIS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
LOUISIANA	-	220	-	-	-	-	-	-	-	-	-	227	-	413	-	-	-	-	-	-	-	1,581
MICHIGAN	6,000	7	-	-	-	-	-	-	-	-	-	24	-	224	-	58	-	14	-	-	6,000	822
MINNESOTA	-	6	-	-	-	1	-	-	-	-	-	317	6,000	819	-	9	-	11	-	8	6,000	2,676
MISSOURI	-	44	-	-	-	-	-	-	-	-	-	11	-	62	-	51	-	-	-	-	-	261
MONTANA	-	-	-	-	-	-	-	-	-	-	-	76	-	49	-	-	-	-	-	-	-	312
NEVADA	-	72	-	-	-	-	-	-	-	-	-	77	-	65	-	-	-	-	-	1	-	777
NEW MEXICO	-	12	-	-	-	6	-	-	-	-	-	2	-	74	-	-	-	-	-	15	-	303
NEW YORK	-	-	-	-	-	-	-	-	-	-	-	-	-	319	-	-	-	-	-	-	-	330
PENNSYLVANIA	-	-	-	-	-	-	-	-	-	-	-	24	-	-	-	-	-	-	-	-	-	74
SOUTH DAKOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9
TENNESSEE	-	-	-	-	-	-	-	-	-	-	-	22	-	85	-	-	-	-	-	-	-	121
TEXAS	-	1	-	-	-	-	-	-	-	-	-	16	-	99	-	-	-	-	-	-	6,000	388
UTAH	-	5	-	-	-	-	-	-	-	-	6,000	130	-	353	-	16	-	201	-	-	6,000	1,156
VIRGIN ISLANDS	-	-	-	-	-	-	-	-	-	-	-	404	-	4	-	-	-	-	-	-	-	468
VIRGINIA	-	-	-	-	-	-	-	-	-	-	-	-	-	49	-	-	-	-	-	5	-	49
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	41	-	-	-	-	-	-	-	41
WYOMING	-	-	-	-	-	-	-	-	-	-	-	-	-	116	-	-	-	-	-	32	-	236
TOTAL	6,000	737	-	-	-	7	-	-	-	-	6,000	3,103	6,000	4,530	-	223	-	227	-	94	24,000	16,173

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TABLE 14. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND STATE	ELECTRICAL		ENTRAPMENT		EXPLODING VESSELS UNDER PRESSURE		EXPLOSIVES AND BREAKING AGENTS		FALLING, ROLLING OR SLIDING MATERIAL		FALL OF FACE RIB, SIDE OR HIGHWALL		FALL OF ROOF (UNDERGROUND MINES ONLY)		FIRE		HANDLING MATERIAL		HANDTOOLS		NONPOWERED HAULAGE	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
TOTAL MINES AND PLNTS:																						
ALABAMA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	31	-	17	-	-
ARIZONA	-	138	-	-	-	-	-	-	-	87	-	253	-	72	-	6	-	2,196	-	1,031	-	3
ARKANSAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	411	-	63	-	-
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	30	-	-	-	-	-	411	-	80	-	-
COLORADO	-	-	-	-	-	-	-	10	-	-	-	40	-	118	-	-	-	1,006	-	125	-	-
DELAWARE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	84	-	-	-	-
IDAHO	6,000	-	-	-	-	-	-	14	-	28	-	212	-	640	-	-	-	609	-	257	-	-
ILLINOIS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-
LOUISIANA	-	-	-	-	-	40	-	-	-	-	-	-	-	-	-	-	-	161	-	520	-	-
MICHIGAN	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	352	-	345	-	-
MINNESOTA	-	6	-	-	-	15	-	-	-	-	-	-	-	-	-	58	-	2,484	-	427	-	45
MISSOURI	6,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	166	-	17	-	-
MONTANA	-	4	-	-	-	-	-	-	-	-	-	-	-	60	-	-	-	299	-	71	-	-
NEVADA	-	5	-	-	-	5	-	-	-	-	-	75	-	5	-	-	-	918	-	178	-	-
NEW JERSEY	-	-	-	-	-	2	-	-	-	-	-	125	-	-	-	-	-	60	-	-	-	-
NEW MEXICO	-	-	-	-	-	1	-	-	-	-	-	49	6,000	154	-	-	-	803	-	124	-	-
NEW YORK	-	-	-	-	-	-	-	-	-	-	-	-	-	252	-	-	-	745	-	443	-	-
PENNSYLVANIA	-	-	-	-	-	-	-	-	-	-	-	-	-	38	-	-	-	49	-	51	-	-
SOUTH DAKOTA	-	4	-	-	-	-	-	30	-	-	-	63	-	34	-	-	-	370	-	346	-	48
TENNESSEE	-	112	-	-	-	-	-	5	-	-	-	5	-	6,168	-	-	-	667	-	62	-	-
TEXAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	237	-	38	6,000	-
UTAH	-	-	-	-	-	33	-	-	-	-	-	42	-	6	-	-	-	438	-	268	-	-
VIRGIN ISLANDS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47	-	8	-	-
VIRGINIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	10	-	23	-	-	-	78	-	58	-	-
WYOMING	-	-	-	-	-	55	-	-	-	-	-	4	-	49	-	-	-	385	-	68	-	-
TOTAL	12,000	272	-	-	-	151	-	59	-	115	-	908	6,000	7,619	-	75	-	13,013	-	4,601	6,000	96
OFFICE:																						
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	-	-	-	-
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-
IDAHO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46	-	-	-	-
MINNESOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	-	5	-	-
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	127	-	-	-	-
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	217	-	5	-	-

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TABLE 14. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE		HOISTING		IGNITION OR EXPLOSION OF GAS OR DUST		IMPOUNDMENT		INUNDATION		MACHINERY		SLIPS OR FALLS OF PERSONS		STEPPING OR KNEELING ON OBJECT		STRIKING OR BUMPING		OTHER		TOTAL	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
TOTAL MINES AND PLNTS:																						
ALABAMA	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	6
ALASKA	-	-	-	-	-	-	-	-	-	-	-	21	-	110	-	-	-	-	4	-	-	194
ARIZONA	-	1,011	-	1	-	-	-	-	-	-	-	2,959	-	1,912	-	177	-	76	14	-	-	9,936
ARKANSAS	-	52	-	-	-	-	-	-	-	-	-	1,026	-	454	-	37	-	-	14	-	-	2,059
CALIFORNIA	-	62	6,000	-	-	-	-	-	-	-	-	293	-	244	-	22	-	-	-	6,000	6,000	1,142
COLORADO	6,000	282	-	-	-	-	-	-	-	27	-	401	-	379	-	18	-	-	5	6,000	6,000	2,411
DELAWARE	-	-	-	-	-	-	-	-	-	-	-	-	-	70	-	-	-	-	-	-	-	70
FLORIDA	-	-	-	-	-	-	-	-	-	-	-	4	-	86	-	-	-	-	-	-	-	174
IDAHO	-	602	-	305	-	-	-	-	-	-	-	920	-	908	-	11	-	130	34	6,000	6,000	4,670
ILLINOIS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
LOUISIANA	-	220	-	-	-	-	-	-	-	-	-	227	-	413	-	-	-	-	-	-	-	1,581
MICHIGAN	6,000	82	-	-	-	-	-	-	-	-	-	36	-	349	-	58	-	14	-	6,000	6,000	1,239
MINNESOTA	6,000	93	-	-	-	1	-	-	-	-	-	395	6,000	2,011	-	85	-	11	8	12,000	12,000	5,639
MISSOURI	-	195	-	-	-	-	-	-	-	-	-	45	-	88	-	51	-	-	-	6,000	6,000	562
MONTANA	-	56	-	-	-	-	-	-	-	-	-	542	-	101	-	60	-	-	-	-	-	1,193
NEVADA	6,000	742	-	-	-	-	-	-	-	-	-	202	-	399	-	39	-	-	92	6,000	6,000	2,660
NEW JERSEY	-	27	-	-	-	-	-	-	-	-	-	45	-	-	-	-	-	-	-	-	-	259
NEW MEXICO	6,000	651	-	-	-	6	-	-	-	-	-	418	-	965	-	50	-	-	23	12,000	12,000	3,244
NEW YORK	-	31	-	-	-	-	-	-	-	-	-	30	-	574	-	2	-	-	-	-	-	2,077
PENNSYLVANIA	-	-	-	-	-	-	-	-	-	-	-	39	-	22	-	5	-	-	-	-	-	204
SOUTH DAKOTA	-	743	-	-	-	-	-	-	-	-	-	493	-	257	-	62	-	2	-	-	-	2,452
TENNESSEE	6,000	75	-	-	-	-	-	-	-	-	-	95	-	456	-	56	-	-	-	6,000	6,000	7,701
TEXAS	-	140	-	-	-	-	-	-	-	-	-	16	-	99	-	-	-	-	-	6,000	6,000	530
UTAH	6,000	479	-	-	-	19	-	-	-	-	6,000	241	-	1,961	-	16	-	201	-	12,000	12,000	3,704
VIRGIN ISLANDS	-	-	-	-	-	-	-	-	-	-	-	404	-	4	-	-	-	-	5	-	-	468
VIRGINIA	-	-	-	-	-	-	-	-	-	-	-	-	-	49	-	-	-	-	-	-	-	49
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	35	-	66	-	-	-	-	5	-	-	275
WYOMING	-	10	-	-	-	-	-	-	-	-	-	72	-	339	-	-	-	-	32	-	-	1,014
TOTAL	42,000	5,553	6,000	306	-	26	-	-	-	27	6,000	8,961	6,000	12,318	-	749	-	434	-	236	84,000	55,519
OFFICE:																						
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-	-	-	-	14
IDAHO	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	50
MINNESOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	27	-	-	-	-	-	-	-	55
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	127
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	179	-	-	-	-	-	-	-	-	-	179
TOTAL	-	-	-	-	-	-	-	-	-	-	-	179	-	42	-	-	-	-	-	-	-	443

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TABLE 14. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND STATE	ELECTRICAL		ENTRAPMENT		EXPLODING VESSELS UNDER PRESSURE		EXPLOSIVES AND BREAKING AGENTS		FALLING, ROLLING OR SLIDING MATERIAL		FALL OF FACE RIB, SIDE OR HIGHWALL		FALL OF ROOF (UNDERGROUND MINES ONLY)		FIRE		HANDLING MATERIAL		HANDTOOLS		NONPOWERED HAULAGE	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
GRAND TOTAL:																						
ALABAMA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	31	-	17	-	-
ARIZONA	-	138	-	-	-	-	-	-	-	87	-	253	-	72	-	6	-	2,196	-	1,031	-	3
ARKANSAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	411	-	63	-	-
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	30	-	-	-	-	-	429	-	80	-	-
COLORADO	-	-	-	-	-	-	-	10	-	-	-	40	-	118	-	-	-	1,009	-	125	-	-
DELAWARE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	84	-	-	-	-
IDAHO	6,000	-	-	-	-	-	-	14	-	29	-	212	-	640	-	-	-	655	-	257	-	-
ILLINOIS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-
LOUISIANA	-	-	-	-	-	40	-	-	-	-	-	-	-	-	-	-	-	161	-	520	-	-
MICHIGAN	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	352	-	345	-	-
MINNESOTA	-	6	-	-	-	15	-	-	-	-	-	-	-	-	-	58	-	2,507	-	432	-	45
MISSOURI	6,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	166	-	17	-	-
MONTANA	-	4	-	-	-	-	-	-	-	-	-	-	-	60	-	-	-	299	-	71	-	-
NEVADA	-	5	-	-	-	5	-	-	-	-	-	75	-	5	-	-	-	918	-	178	-	-
NEW JERSEY	-	-	-	-	-	2	-	-	-	-	-	125	-	-	-	-	-	60	-	-	-	-
NEW MEXICO	-	-	-	-	-	1	-	-	-	-	-	49	6,000	154	-	-	-	930	-	124	-	-
NEW YORK	-	-	-	-	-	-	-	-	-	-	-	-	-	252	-	-	-	745	-	443	-	-
PENNSYLVANIA	-	-	-	-	-	-	-	-	-	-	-	-	-	38	-	-	-	49	-	51	-	-
SOUTH DAKOTA	-	4	-	-	-	-	-	30	-	-	-	63	-	34	-	-	-	370	-	346	-	48
TENNESSEE	-	112	-	-	-	-	-	5	-	-	-	5	-	6,168	-	-	-	667	-	62	-	-
TEXAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	237	-	38	6,000	-
UTAH	-	-	-	-	-	33	-	-	-	-	-	42	-	6	-	-	-	438	-	268	-	-
VIRGIN ISLANDS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47	-	8	-	-
VIRGINIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	10	-	23	-	-	-	78	-	58	-	-
WYOMING	-	-	-	-	-	55	-	-	-	-	-	4	-	49	-	-	-	385	-	68	-	-
TOTAL	12,000	272	-	-	-	151	-	59	-	115	-	908	6,000	7,619	-	75	-	13,230	-	4,606	6,000	96

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TABLE 14. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND STATE AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE		HOISTING		IGNITION OR EXPLOSION OF GAS OR DUST		IMPOUNDMENT		INUNDATION		MACHINERY		SLIPS OR FALLS OF PERSONS		STEPPING OR KNEELING ON OBJECT		STRIKING OR BUMPING		OTHER		TOTAL	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
GRAND TOTAL:																						
ALABAMA	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	4	-	6
ALASKA	-	-	-	-	-	-	-	-	-	-	-	21	-	110	-	-	-	-	4	-	-	194
ARIZONA	-	1,011	-	1	-	-	-	-	-	-	-	2,959	-	1,912	-	177	-	76	-	14	-	9,936
ARKANSAS	-	52	-	-	-	-	-	-	-	-	-	1,028	-	454	-	37	-	-	-	14	-	2,059
CALIFORNIA	-	62	6,000	-	-	-	-	-	-	-	-	293	-	244	-	22	-	-	-	-	6,000	1,160
COLORADO	6,000	282	-	-	-	-	-	-	-	27	-	401	-	390	-	18	-	-	-	5	6,000	2,425
DELAWARE	-	-	-	-	-	-	-	-	-	-	-	-	-	70	-	-	-	-	-	-	-	70
FLORIDA	-	-	-	-	-	-	-	-	-	-	-	4	-	86	-	-	-	-	-	-	-	174
IDAHO	-	602	-	305	-	-	-	-	-	-	-	920	-	912	-	11	-	130	-	34	6,000	4,720
ILLINOIS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
LOUISIANA	-	220	-	-	-	-	-	-	-	-	-	227	-	413	-	-	-	-	-	-	-	1,581
MICHIGAN	6,000	82	-	-	-	-	-	-	-	-	-	36	-	349	-	58	-	14	-	-	6,000	1,239
MINNESOTA	6,000	93	-	-	-	1	-	-	-	-	-	395	6,000	2,038	-	85	-	11	-	8	12,000	5,694
MISSOURI	-	195	-	-	-	-	-	-	-	-	-	45	-	88	-	51	-	-	-	-	6,000	562
MONTANA	-	56	-	-	-	-	-	-	-	-	-	542	-	101	-	60	-	-	-	-	-	1,193
NEVADA	6,000	742	-	-	-	-	-	-	-	-	-	202	-	399	-	39	-	-	-	92	6,000	2,660
NEW JERSEY	-	27	-	-	-	-	-	-	-	-	-	45	-	-	-	-	-	-	-	-	-	259
NEW MEXICO	6,000	651	-	-	-	6	-	-	-	-	-	418	-	965	-	50	-	-	-	23	12,000	3,371
NEW YORK	-	31	-	-	-	-	-	-	-	-	-	30	-	574	-	2	-	-	-	-	-	2,077
PENNSYLVANIA	-	-	-	-	-	-	-	-	-	-	-	39	-	22	-	5	-	-	-	-	-	204
SOUTH DAKOTA	-	743	-	-	-	-	-	-	-	-	-	493	-	257	-	62	-	2	-	-	-	2,452
TENNESSEE	6,000	75	-	-	-	-	-	-	-	-	-	95	-	456	-	56	-	-	-	-	6,000	7,701
TEXAS	-	140	-	-	-	-	-	-	-	-	-	16	-	99	-	-	-	-	-	-	6,000	530
UTAH	6,000	479	-	-	-	19	-	-	-	-	6,000	241	-	1,961	-	16	-	201	-	-	12,000	3,704
VIRGIN ISLANDS	-	-	-	-	-	-	-	-	-	-	-	404	-	4	-	-	-	-	-	5	-	468
VIRGINIA	-	-	-	-	-	-	-	-	-	-	-	-	-	49	-	-	-	-	-	-	-	49
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	214	-	66	-	-	-	-	-	5	-	454
WYOMING	-	10	-	-	-	-	-	-	-	-	-	72	-	339	-	-	-	-	-	32	-	1,014
TOTAL	42,000	5,553	6,000	306	-	26	-	-	-	27	6,000	9,140	6,000	12,360	-	749	-	434	-	236	84,000	55,962

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TABLE 15.-NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND TYPE OF MINERAL AT METALLIC OPERATIONS IN THE UNITED STATES, 1983

WORK LOCATION AND TYPE OF MINERAL	ELECTRICAL			ENTRAPMENT			EXPLODING VESSELS UNDER PRESSURE			EXPLOSIVES AND BREAKING AGENTS			FALLING, ROLLING OR SLIDING MATERIAL			FALL OF FACE RIB, SIDE OR HIGHWALL			FALL OF ROOF (UNDERGROUND MINES ONLY)			FIRE			HANDLING MATERIAL			HANDTOOLS			NONPOWERED HAULAGE		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL
UNDERGROUND MINES:																																
UNDERGROUND:																																
COPPER	-	1	-	-	-	-	-	-	-	-	-	-	-	2	1	-	3	1	-	10	18	-	-	-	-	22	15	-	12	30	-	-	-
GOLD	-	-	-	-	-	-	-	1	1	-	2	-	-	1	-	-	5	-	-	9	11	-	-	-	-	23	22	-	9	11	-	1	-
IRON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
LEAD-ZINC	-	-	-	-	-	-	-	1	-	-	1	-	-	2	1	-	8	3	-	27	13	-	-	2	-	51	27	-	19	13	-	-	-
MOLYBDENUM	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	1	1	-	6	4	-	-	-	-	18	8	-	5	11	-	-	-
SILVER	1	-	-	-	-	-	-	1	-	-	3	-	-	1	2	-	7	1	1	12	9	-	-	-	-	11	20	-	8	19	-	-	-
TUNGSTEN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
URANIUM	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	6	4	-	-	1	-	19	13	-	5	10	-	-	-
TOTAL	1	1	1	-	-	-	-	4	1	-	6	-	-	5	6	-	28	6	1	70	59	-	-	3	-	146	105	-	58	94	-	1	-
SURFACE AT UG:																																
COPPER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	7	-	1	2	-	-	-
GOLD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	8	-	1	3	-	-	-
IRON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-
LEAD-ZINC	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	5	-	1	2	-	-	-
MOLYBDENUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-
SILVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	6	-	1	2	-	-	-
TUNGSTEN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
URANIUM	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	-	-	3	-	-	-
TOTAL	1	1	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	22	29	-	4	13	-	-	-
TOTAL UNDERGROUND:																																
COPPER	-	1	-	-	-	-	-	-	-	-	-	-	-	2	1	-	3	1	-	10	18	-	-	-	-	26	22	-	13	32	-	-	-
GOLD	-	-	-	-	-	-	-	1	1	-	2	-	-	1	-	-	5	-	-	9	11	-	-	-	-	30	30	-	10	14	-	1	-
IRON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-
LEAD-ZINC	1	1	-	-	-	-	-	1	-	-	1	-	-	2	1	-	8	3	-	27	13	-	-	2	-	53	32	-	20	15	-	-	-
MOLYBDENUM	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	1	1	-	6	4	-	-	-	-	19	9	-	5	11	-	-	-
SILVER	1	-	-	-	-	-	-	1	-	-	3	-	-	1	2	-	7	1	1	12	9	-	-	-	-	15	26	-	9	21	-	-	-
TUNGSTEN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-
URANIUM	-	-	2	-	-	-	-	-	-	-	-	-	-	-	1	-	4	-	-	6	4	-	-	1	-	22	15	-	5	13	-	-	-
TOTAL	2	2	2	-	-	-	-	4	1	-	6	-	-	5	7	-	28	6	1	70	59	-	-	3	-	168	134	-	62	107	-	1	-
SURFACE MINES:																																
OPEN PIT:																																
ALUMINUM ORE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COPPER	-	3	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GOLD	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28	54	-	7	30	-	-	-
IRON	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	21	6	-	7	5	-	-	-
MERCURY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	25	9	-	11	8	-	1	-
MOLYBDENUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
PLATINUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	9	8	-	1	4	-	-	-
SILVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
URANIUM	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	-	5	-	-	-
TOTAL	-	5	-	-	-	-	-	2	-	-	-	-	-	1	-	-	2	-	-	-	-	-	3	-	-	97	85	-	27	53	-	1	-

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TABLE 15.-NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND TYPE OF MINERAL AT METALLIC OPERATIONS IN THE UNITED STATES, 1983

WORK LOCATION AND TYPE OF MINERAL	POWERED HAULAGE			HOISTING			IGNITION OR EXPLOSION OF GAS OR DUST			IMPOUNDMENT			INUNDATION			MACHINERY			SLIPS OR FALLS OF PERSONS			STEPPING OR KNEELING ON OBJECT			STRIKING OR BUMPING			OTHER			TOTAL		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL
UNDERGROUND MINES:																																	
UNDERGROUND:																																	
COPPER	-	7	4	-	1	-	-	-	-	-	-	-	-	-	-	-	8	8	-	12	2	-	4	1	-	1	-	-	-	-	-	83	80
GOLD	-	10	5	1	-	-	-	-	-	-	-	-	-	-	-	-	32	18	-	14	10	-	3	1	-	1	-	-	1	-	1	111	80
IRON	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	3	4
LEAD-ZINC	1	18	11	-	-	1	-	-	-	-	-	-	-	1	-	-	31	19	-	36	10	-	6	-	-	1	-	1	-	1	1	202	101
MOLYBDENUM	2	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	14	9	-	15	9	-	1	-	-	-	-	-	-	1	2	67	44
SILVER	-	10	6	-	3	-	-	-	-	-	-	-	-	-	-	-	20	18	-	14	8	-	4	-	-	-	-	-	2	-	2	98	83
TUNGSTEN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	1	-	-	-	-	-	-	-	-	-	-	3	1
URANIUM	-	5	4	-	-	-	-	-	-	-	-	-	-	-	-	-	10	5	-	14	15	-	3	-	-	-	1	-	-	-	-	66	54
TOTAL	3	57	32	1	4	1	-	-	-	-	-	-	-	1	-	-	117	80	-	106	55	-	21	2	-	3	1	-	3	1	6	631	447
SURFACE AT UG:																																	
COPPER	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	-	5	1	-	1	-	-	-	-	-	-	-	-	15	14
GOLD	-	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	5	-	4	1	-	2	-	-	-	1	-	-	-	-	18	20
IRON	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	2
LEAD-ZINC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2	1	-	1	-	-	-	-	-	-	-	1	7	10
MOLYBDENUM	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1
SILVER	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	1	-	-	-	-	-	-	-	-	9	8
TUNGSTEN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
URANIUM	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	1	-	6	10
TOTAL	-	8	4	-	-	-	-	-	-	-	-	-	-	-	-	-	4	9	-	15	5	-	5	-	-	-	1	-	-	2	1	59	65
TOTAL UNDERGROUND:																																	
COPPER	-	8	6	-	1	-	-	-	-	-	-	-	-	-	-	-	11	10	-	17	3	-	5	1	-	1	-	-	-	-	-	98	94
GOLD	-	13	7	1	-	-	-	-	-	-	-	-	-	-	-	-	33	23	-	18	11	-	5	1	-	1	1	-	1	-	1	129	100
IRON	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	-	-	-	-	-	-	-	-	-	-	1	-	4	6
LEAD-ZINC	1	18	11	-	-	1	-	-	-	-	-	-	-	1	-	-	31	21	-	38	11	-	7	-	-	1	-	-	-	1	2	209	111
MOLYBDENUM	2	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	14	9	-	15	9	-	1	-	-	-	-	-	-	-	2	69	45
SILVER	-	11	6	-	3	-	-	-	-	-	-	-	-	-	-	-	20	18	-	16	8	-	5	-	-	-	-	-	2	-	2	105	91
TUNGSTEN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	1	-	-	-	-	-	-	-	-	-	-	4	1
URANIUM	-	6	4	-	-	-	-	-	-	-	-	-	-	-	-	-	10	5	-	16	17	-	3	-	-	-	1	-	-	1	-	72	64
TOTAL	3	65	36	1	4	1	-	-	-	-	-	-	-	1	-	-	121	89	-	121	60	-	26	2	-	3	2	-	3	3	7	690	512
SURFACE MINES:																																	
OPEN PIT:																																	
ALUMINUM ORE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
COPPER	1	14	4	-	-	-	-	1	-	-	-	-	-	-	-	-	10	11	-	26	10	-	4	1	-	-	1	-	2	-	1	97	111
GOLD	1	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	4	5	-	23	4	-	5	-	-	-	-	-	3	-	1	71	21
IRON	1	9	1	-	-	-	-	-	-	-	-	-	-	-	-	-	5	3	-	38	5	-	3	-	-	-	1	-	-	-	1	94	27
MERCURY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
MOLYBDENUM	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	8	-	-	-	1	-	-	-	-	1	-	-	23	18
PLATINUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
SILVER	-	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	4	1	-	-	-	-	-	-	-	1	-	-	9	14
URANIUM	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	4	-	-	-	-	-	-	-	-	-	-	-	21	5
TOTAL	3	36	7	-	-	-	-	1	-	-	-	-	-	-	-	-	20	29	-	103	20	-	12	2	-	-	2	-	6	1	3	316	199

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TABLE 15.-NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND TYPE OF MINERAL AT METALLIC OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND TYPE OF MINERAL	ELECTRICAL			ENTRAPMENT			EXPLODING VESSELS UNDER PRESSURE			EXPLOSIVES AND BREAKING AGENTS			FALLING, ROLLING OR SLIDING MATERIAL			FALL OF FACE RIB, SIDE OR HIGHWALL			FALL OF ROOF (UNDERGROUND MINES ONLY)			FIRE			HANDLING MATERIAL			HANDTOOLS			NONPOWERED HAULAGE		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL
DREDGE:																																	
GOLD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	1	-	-	-	-
TITANIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-	1	1	-	-	-
TOTAL SURFACE:																																	
ALUMINUM ORE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COPPER	-	3	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	28	54	-	7	30	-	-	-
GOLD	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	26	6	-	8	5	-	-	-
IRON	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	25	9	-	11	8	-	1	-
MERCURY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-
MOLYBDENUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	9	8	-	1	4	-	-	-
PLATINUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	-	5	-	-	-
SILVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	-	1	-	-	-
TITANIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-	-	-
URANIUM	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	4	-	1	1	-	-	-
TOTAL	-	5	-	-	-	-	-	2	-	-	-	-	-	1	-	-	2	-	-	-	-	-	3	-	-	104	85	-	28	54	-	1	-
TOTAL MINING:																																	
ALUMINUM ORE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COPPER	-	4	-	-	-	-	-	-	-	-	-	-	-	3	1	-	4	1	-	10	18	-	-	-	-	54	76	-	20	62	-	-	-
GOLD	-	2	-	-	-	-	-	1	1	-	2	-	-	-	1	-	5	-	-	9	11	-	2	-	-	56	36	-	18	19	-	1	-
IRON	-	-	-	-	-	-	-	1	-	-	1	-	-	2	1	-	8	3	-	27	13	-	1	-	-	26	9	-	11	9	-	1	-
LEAD-ZINC	1	1	-	-	-	-	-	1	-	-	-	-	-	-	1	-	2	1	-	6	4	-	-	2	-	53	32	-	20	15	-	-	-
MERCURY	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	2	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
MOLYBDENUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	28	17	-	6	15	-	-	-
PLATINUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
SILVER	1	-	-	-	-	-	-	1	-	-	3	-	-	1	2	-	7	1	1	12	9	-	-	-	-	16	29	-	9	26	-	-	-
TITANIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-	-	-
TUNGSTEN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-
URANIUM	-	-	2	-	-	-	-	1	-	-	-	-	-	-	1	-	4	-	-	6	4	-	-	1	-	34	19	-	6	14	-	-	-
TOTAL	2	7	2	-	-	-	-	6	1	-	6	-	-	6	7	-	30	6	1	70	59	-	3	3	-	272	219	-	90	161	-	2	-
INDEPENDENT SHOPS:																																	
COPPER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IRON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	-	1	3	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	-	1	4	-	-	-

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TABLE 15.-NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND TYPE OF MINERAL AT METALLIC OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND TYPE OF MINERAL	POWERED HAULAGE			HOISTING			IGNITION OR EXPLOSION OF GAS OR DUST			IMPOUNDMENT			INUNDATION			MACHINERY			SLIPS OR FALLS OF PERSONS			STEPPING OR KNEELING ON OBJECT			STRIKING OR BUMPING			OTHER			TOTAL		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL
DREDGE:																																	
GOLD	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	1	-	-	-	-	-	-	-	-	-	-	9	2
TITANIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	3	1	-	-	-	-	-	-	-	-	-	-	7	4
TOTAL	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	-	5	2	-	-	-	-	-	-	-	-	-	-	16	6
TOTAL SURFACE:																																	
ALUMINUM ORE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
COPPER	1	14	4	-	-	-	-	1	-	-	-	-	-	-	-	10	11	-	26	10	-	4	1	-	-	1	-	2	-	1	97	111
GOLD	1	5	1	-	-	-	-	-	-	-	-	-	-	-	-	4	6	-	25	5	-	5	-	-	-	-	-	3	-	1	80	23
IRON	1	9	1	-	-	-	-	-	-	-	-	-	-	-	-	5	3	-	38	5	-	3	-	-	-	1	-	-	-	1	94	27
MERCURY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
MOLYBDENUM	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	8	-	-	-	1	-	-	-	1	-	-	23	18	-
PLATINUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
SILVER	-	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	4	1	-	-	-	-	-	-	1	-	-	9	14	
TITANIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	3	1	-	-	-	-	-	-	-	-	-	-	7	4	
URANIUM	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	4	-	-	-	-	-	-	-	-	-	-	-	21	9	
TOTAL	3	37	7	-	-	-	-	1	-	-	-	-	-	-	-	22	32	-	108	22	-	12	2	-	-	2	-	6	1	3	332	205	
TOTAL MINING:																																	
ALUMINUM ORE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
COPPER	1	22	10	-	1	-	-	1	-	-	-	-	-	-	-	21	21	-	43	13	-	9	2	-	1	1	-	2	-	1	195	205	
GOLD	1	18	8	1	-	-	-	-	-	-	-	-	-	-	-	37	29	-	43	16	-	10	1	-	1	1	-	4	-	2	209	123	
IRON	1	11	2	-	-	-	-	-	-	-	-	-	-	-	-	6	6	-	38	5	-	3	-	-	-	1	-	-	1	1	98	33	
LEAD-ZINC	1	18	11	-	-	1	-	-	-	-	-	-	-	1	-	31	21	-	38	11	-	7	-	-	1	-	-	-	1	2	209	111	
MERCURY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
MOLYBDENUM	2	10	1	-	-	-	-	-	-	-	-	-	-	-	-	14	14	-	23	9	-	1	1	-	-	-	-	1	-	2	92	63	
PLATINUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
SILVER	-	15	7	-	3	-	-	-	-	-	-	-	-	-	-	20	21	-	20	9	-	5	-	-	-	-	-	2	1	2	114	105	
TITANIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	3	1	-	-	-	-	-	-	-	-	-	-	7	4	
TUNGSTEN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	1	-	-	-	-	-	-	-	-	-	-	4	1	
URANIUM	-	8	4	-	-	-	-	-	-	-	-	-	-	-	-	11	5	-	20	17	-	3	-	-	-	1	-	-	1	-	93	69	
TOTAL	6	102	43	1	4	1	-	1	-	-	-	-	-	1	-	143	121	-	229	82	-	38	4	-	3	4	-	9	4	10	1,022	717	
INDEPENDENT SHOPS:																																	
COPPER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	2	1
IRON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	10	5
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	7	-	-	-	-	-	-	-	-	-	-	-	-	12	6

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TABLE 15.-NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND TYPE OF MINERAL AT METALLIC OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED

WORK LOCATION AND TYPE OF MINERAL	ELECTRICAL			ENTRAPMENT			EXPLODING VESSELS UNDER PRESSURE			EXPLOSIVES AND BREAKING AGENTS			FALLING, ROLLING OR SLIDING MATERIAL			FALL OF FACE RIB, SIDE OR HIGHWALL			FALL OF ROOF (UNDERGROUND MINES ONLY)			FIRE			HANDLING MATERIAL			HANDTOOLS			NONPOWERED HAULAGE		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL
PROCESSING PLANTS:																																	
ALUMINUM ORE	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	25	32	-	11	23	1	-	-
BERYL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	3	-	-	1	-	-	-
COPPER	-	1	1	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	37	59	-	16	46	-	1	-
GOLD	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33	8	-	10	9	-	-	2
IRON	-	2	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42	28	-	20	18	-	3	-
LEAD-ZINC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	5	-	3	6	-	-	-
MANGANESE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-
MERCURY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	1	-	-	-
MOLYBDENUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	2	-	2	5	-	-	-
RARE EARTHS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	1	-	-	-	-
SILVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	15	5	-	3	6	-	-	-
TITANIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-
TUNGSTEN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1	-	1	-	-	-	-
URANIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	21	-	6	9	-	-	-
VANADIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER METALS, NEC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	3	1	-	-	-	-	3	2	-	-	-	-	-	2	-	-	-	-	-	-	-	1	2	-	187	167	-	74	124	1	4	2
TOTAL MINES AND PLNTS:																																	
ALUMINUM ORE	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	25	32	-	11	23	1	-	-
BERYL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	3	-	-	1	-	-	-
COPPER	-	5	1	-	-	-	-	-	1	-	-	-	-	3	2	-	4	1	-	10	18	-	-	-	-	91	135	-	37	109	-	1	-
GOLD	-	2	-	-	-	-	-	2	1	-	2	-	-	-	1	-	5	-	-	9	11	-	2	-	-	89	44	-	28	28	-	-	2
IRON	-	2	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	71	39	-	31	30	-	4	-
LEAD-ZINC	1	1	-	-	-	-	-	1	-	-	1	-	-	2	1	-	8	3	-	27	13	-	-	2	-	61	37	-	23	21	-	-	-
MANGANESE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-
MERCURY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	1	-	-	-
MOLYBDENUM	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	2	1	-	6	4	-	-	-	-	34	19	-	8	20	-	-	-
PLATINUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
RARE EARTHS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	1	-	-	-	-
SILVER	1	-	-	-	-	-	-	1	-	-	3	-	-	1	3	-	7	1	1	12	9	-	-	-	-	31	34	-	12	32	-	-	-
TITANIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2	-	-	1	-	-	-
TUNGSTEN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	1	-	1	-	-	-	-
URANIUM	-	-	2	-	-	-	-	1	-	-	-	-	-	1	-	-	4	-	-	6	4	-	-	1	-	45	40	-	12	23	-	-	-
VANADIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER METALS, NEC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	2	10	3	-	-	-	-	9	3	-	6	-	-	6	9	-	30	6	1	70	59	-	4	5	-	462	388	-	165	289	1	6	2
OFFICE:																																	
ALUMINUM ORE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GOLD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-
IRON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	1	-	-	-	-
LEAD-ZINC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-
MOLYBDENUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-
SILVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	5	-	1	-	-	-	-

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TABLE 15.--NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND TYPE OF MINERAL AT METALLIC OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND TYPE OF MINERAL	POWERED HAULAGE			HOISTING			IGNITION OR EXPLOSION OF GAS OR DUST			IMPOUNDMENT			INUNDATION			MACHINERY			SLIPS OR FALLS OF PERSONS			STEPPING OR KNEELING ON OBJECT			STRIKING OR BUMPING			OTHER			TOTAL		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL
PROCESSING PLANTS:																																	
ALUMINUM ORE	-	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	11	14	-	16	13	-	3	-	-	-	2	-	2	1	1	76	87
BERYL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	3	0
COPPER	-	4	3	-	-	-	-	-	-	-	-	-	-	-	-	1	9	14	-	32	13	-	3	-	-	2	2	-	1	2	1	105	144
GOLD	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	4	-	10	-	-	1	-	-	-	-	-	4	2	-	71	25
IRON	1	3	-	-	-	-	-	1	-	-	-	-	-	-	-	-	8	8	1	37	3	-	6	1	-	4	1	-	3	-	2	129	60
LEAD-ZINC	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	5	3	-	1	-	-	-	1	-	-	-	-	20	17
MANGANESE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	2	1
MERCURY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOLYBDENUM	-	1	1	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	4	-	-	-	-	-	-	-	-	-	-	10	13
RARE EARTHS	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	1	-	-	-	-	-	-	-	-	-	-	6	2
SILVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	6	-	8	1	-	-	-	-	-	1	-	2	1	-	32	23
TITANIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-	0	0
TUNGSTEN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	1	-	2	-	-	1	-	-	-	-	-	-	-	-	9	1
URANIUM	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	7	-	11	9	-	-	1	-	-	1	-	2	-	-	31	49
VANADIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	0
OTHER METALS, NEC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	1	-	-	-	-	-	-	-	-	2	1
TOTAL	1	20	6	-	-	-	-	2	-	-	-	-	-	-	-	1	52	60	1	133	48	-	17	2	-	6	8	-	12	7	4	514	431
TOTAL, MINES AND PLANTS:																																	
ALUMINUM ORE	-	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	11	15	-	16	13	-	3	-	-	-	2	-	2	1	1	76	88
BERYL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	3	0
COPPER	1	26	13	-	1	-	-	1	-	-	-	-	-	-	-	1	30	37	-	76	26	-	12	2	-	3	3	-	2	2	2	302	350
GOLD	1	22	8	1	-	-	-	-	-	-	-	-	-	-	-	-	45	33	-	53	16	-	11	1	-	1	1	-	8	2	2	280	148
IRON	2	14	2	-	-	-	-	1	-	-	-	-	-	-	-	-	15	14	1	81	8	-	9	1	-	4	2	-	2	2	3	237	98
LEAD-ZINC	1	19	11	-	-	1	-	-	-	-	-	-	1	-	-	-	33	23	-	43	14	-	8	1	-	1	1	-	2	2	2	229	128
MANGANESE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	2	2
MERCURY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1
MOLYBDENUM	2	11	2	-	-	-	-	1	-	-	-	-	-	-	-	-	14	15	-	23	13	-	1	1	-	-	-	-	1	-	2	102	76
PLATINUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0
RARE EARTHS	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	1	-	-	-	-	-	-	-	-	-	-	6	2
SILVER	-	15	7	-	3	-	-	-	-	-	-	-	-	-	-	-	24	27	-	28	10	-	5	-	-	-	1	-	4	2	2	146	126
TITANIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	9	1	-	-	-	-	-	-	-	-	-	-	19	3
TUNGSTEN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-	-	3	1	-	1	-	-	-	-	-	-	-	-	20	2
URANIUM	-	8	5	-	-	-	-	-	-	-	-	-	-	-	-	-	12	12	-	31	26	-	3	1	-	-	2	-	2	1	-	124	118
VANADIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	2	1
OTHER METALS, NEC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	1	-	-	-	-	-	-	-	-	1	0
TOTAL	7	122	49	1	4	1	-	3	-	-	-	-	-	1	-	1	196	181	1	369	130	-	55	6	-	9	12	-	21	11	14	1,548	1,154
OFFICE:																																	
ALUMINUM ORE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	1
GOLD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	2	0
IRON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-	2	1
LEAD-ZINC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	0
MOLYBDENUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1
SILVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	4	1	-	-	-	-	-	1	-	-	-	-	12	8

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TABLE 15.--NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND TYPE OF MINERAL AT METALLIC OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND KIND OF MINERAL	ELECTRICAL			ENTRAPMENT			EXPLODING VESSELS UNDER PRESSURE			EXPLOSIVES AND BREAKING AGENTS			FALLING, ROLLING OR SLIDING MATERIAL			FALL OF FACE RIB, SIDE OR HIGHWALL			FALL OF ROOF (UNDERGROUND MINES ONLY)			FIRE			HANDLING MATERIAL			HANDTOOLS			NONPOWERED HAULAGE		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL
GRAND TOTAL:																																
ALUMINUM ORE	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	25	32	-	11	23	1	-	-
BERYL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	3	-	-	1	-	-	-
COPPER	-	5	1	-	-	-	-	-	1	-	-	-	-	3	2	-	4	1	-	10	18	-	-	-	-	91	135	-	37	109	-	1	-
GOLD	-	2	-	-	-	-	-	2	1	-	2	-	-	-	1	-	5	-	-	9	11	-	2	-	-	89	46	-	28	28	-	1	2
IRON	-	2	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	73	41	-	32	30	-	4	-
LEAD-ZINC	1	1	-	-	-	-	-	1	-	-	1	-	-	2	1	-	8	3	-	27	13	-	2	-	-	62	38	-	23	21	-	-	-
MANGANESE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-
MERCURY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	1	-	-	-
MOLYBDENUM	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	2	1	-	6	4	-	-	-	-	35	20	-	8	20	-	-	-
PLATINUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
RARE EARTHS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	1	-	-	-	-
SILVER	1	-	-	-	-	-	-	1	-	-	3	-	-	1	3	-	7	1	1	12	9	-	-	-	-	33	34	-	12	32	-	-	-
TITANIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2	-	-	1	-	-	-
TUNGSTEN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	1	-	1	-	-	-	-
URANIUM	-	-	2	-	-	-	-	1	-	-	-	-	-	-	1	-	4	-	-	5	4	-	-	1	-	45	40	-	12	23	-	-	-
VANADIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER METALS, NEC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	2	10	3	-	-	-	-	9	3	-	6	-	-	6	9	-	30	6	1	70	59	-	4	5	-	468	394	-	166	289	1	6	2

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TABLE 15.-NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND TYPE OF MINERAL AT METALLIC OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND TYPE OF MINERAL	POWERED HAULAGE			HOISTING			IGNITION OR EXPLOSION OF GAS OR DUST			IMPOUNDMENT			INUNDATION			MACHINERY			SLIPS OR FALLS OF PERSONS			STEPPING OR KNEELING ON OBJECT			STRIKING OR BUMPING			OTHER			TOTAL		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL
GRAND TOTAL:																																	
ALUMINUM ORE	-	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	11	15	-	16	13	-	3	-	-	-	3	-	2	1	1	76	89
BERYL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	1	-	-	-	-	-	-	1	-	-	6
COPPER	1	26	13	-	1	-	-	1	-	-	-	-	-	-	-	1	30	37	-	76	26	-	12	2	-	3	3	-	2	2	2	302	350
GOLD	1	22	8	1	-	-	-	-	-	-	-	-	-	-	-	-	46	33	-	54	16	-	11	1	-	1	1	-	8	2	2	282	150
IRON	2	14	2	-	-	-	-	1	-	-	-	-	-	-	-	-	15	14	1	83	9	-	9	1	-	4	2	-	2	1	3	242	101
LEAD-ZINC	1	19	11	-	-	1	-	-	-	-	-	-	-	1	-	-	33	23	-	44	14	-	8	-	-	1	1	-	-	1	2	231	129
MANGANESE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	2	2
MERCURY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3
MOLYBDENUM	2	11	2	-	-	-	-	1	-	-	-	-	-	-	-	-	14	15	-	23	13	-	1	1	-	-	-	-	1	-	2	103	77
PLATINUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
RARE EARTHS	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	1	-	-	-	-	-	-	-	-	-	-	6	2
SILVER	-	15	7	-	3	-	-	-	-	-	-	-	-	-	-	-	24	27	-	28	10	-	5	-	-	-	1	-	4	2	2	148	120
TITANIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	9	1	-	-	-	-	-	-	-	-	-	-	15	6
TUNGSTEN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	3	-	3	1	-	1	-	-	-	-	-	-	-	-	20	2
URANIUM	-	8	5	-	-	-	-	-	-	-	-	-	-	-	-	-	12	12	-	31	26	-	3	1	-	-	2	-	2	1	-	124	118
VANADIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	1	-	-	-	-	-	-	-	-	2	1
OTHER METALS, NEC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-
TOTAL	7	122	49	1	4	1	-	3	-	-	-	-	-	1	-	1	197	181	1	373	131	-	55	6	-	9	13	-	21	11	14	1,560	1,162

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TABLE 16.- NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND TYPE OF MINERAL AT METALLIC OPERATIONS IN THE UNITED STATES, 1983

WORK LOCATION AND TYPE OF MINERAL	ELECTRICAL		ENTRAPMENT		EXPLODING VESSELS UNDER PRESSURE		EXPLOSIVES AND BREAKING AGENTS		FALLING, ROLLING OR SLIDING MATERIAL		FALL OF FACE RIB, SIDE OR HIGHWALL		FALL OF ROOF (UNDERGROUND MINES ONLY)		FIRE		HANDLING MATERIAL		HANDTOOLS		NONPOWERED HAULAGE	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
UNDERGROUND MINES:																						
UNDERGROUND:																						
COPPER	-	1	-	-	-	-	-	-	-	39	-	253	-	127	-	-	-	1,127	-	356	-	-
GOLD	-	-	-	-	-	4	-	30	-	-	-	96	-	143	-	-	-	865	-	414	-	48
IRON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	-	-	-	-
LEAD-ZINC	-	-	-	-	-	2	-	5	-	7	-	233	-	7,008	-	-	-	1,935	-	737	-	-
MOLYBDENUM	-	-	-	-	-	1	-	-	-	-	-	3	-	74	-	-	-	446	-	92	-	-
SILVER	6,000	-	-	-	-	33	-	24	-	21	-	226	6,000	130	-	-	-	175	-	101	-	-
TUNGSTEN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
URANIUM	-	-	-	-	-	-	-	-	-	-	-	60	-	137	-	-	-	316	-	53	-	-
TOTAL	6,000	1	-	-	-	40	-	59	-	67	-	871	6,000	7,619	-	-	-	4,914	-	1,753	-	48
SURFACE AT UG:																						
COPPER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	337	-	3	-	-
GOLD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57	-	17	-	-
IRON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LEAD-ZINC	6,000	112	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57	-	2	-	-
MOLYBDENUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
SILVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	72	-	2	-	-
TUNGSTEN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-
URANIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37	-	-	-	-
TOTAL	6,000	112	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	565	-	24	-	-
TOTAL UNDERGROUND:																						
COPPER	-	1	-	-	-	-	-	-	-	39	-	253	-	127	-	-	-	1,464	-	359	-	-
GOLD	-	-	-	-	-	4	-	30	-	-	-	96	-	143	-	-	-	922	-	431	-	48
IRON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	-	-	-	-
LEAD-ZINC	6,000	112	-	-	-	2	-	5	-	7	-	233	-	7,008	-	-	-	1,592	-	739	-	-
MOLYBDENUM	-	-	-	-	-	1	-	-	-	-	-	3	-	74	-	-	-	448	-	92	-	-
SILVER	6,000	-	-	-	-	33	-	24	-	21	-	226	6,000	130	-	-	-	247	-	103	-	-
TUNGSTEN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-
URANIUM	-	-	-	-	-	-	-	-	-	-	-	60	-	137	-	-	-	353	-	53	-	-
TOTAL	12,000	113	-	-	-	40	-	59	-	67	-	871	6,000	7,619	-	-	-	5,479	-	1,777	-	48
SURFACE MINES:																						
OPEN PIT:																						
ALUMINUM ORE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COPPER	-	8	-	-	-	-	-	-	-	48	-	32	-	-	-	-	-	434	-	220	-	-
GOLD	-	9	-	-	-	-	-	-	-	-	-	-	-	-	-	17	-	305	-	131	-	-
IRON	-	-	-	-	-	15	-	-	-	-	-	-	-	-	-	41	-	1,356	-	272	-	7
MERCURY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOLYBDENUM	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	101	-	1	-	-
PLATINUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-
SILVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-
URANIUM	-	-	-	-	-	55	-	-	-	-	-	-	-	-	-	-	-	324	-	4	-	-
TOTAL	-	17	-	-	-	70	-	-	-	48	-	37	-	-	-	58	-	2,530	-	628	-	7

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TABLE 16.- NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND TYPE OF MINERAL AT METALLIC OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND TYPE OF MINERAL	POWERED HAULAGE		HOISTING		IGNITION OR EXPLOSION OF GAS OR DUST		IMPOUNDMENT		INUNDATION		MACHINERY		SLIPS OR FALLS OF PERSONS		STEPPING OR KNEELING ON OBJECT		STRIKING OR BUMPING		OTHER		TOTAL	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
UNDERGROUND MINES:																						
UNDERGROUND:																						
COPPER	-	146	-	1	-	-	-	-	-	-	-	941	-	392	-	52	-	75	-	-	-	3,510
GOLD	-	1,073	6,000	-	-	-	-	-	-	-	-	1,070	-	434	-	77	-	2	-	89	6,000	4,345
IRON	-	88	-	-	-	-	-	-	-	-	-	15	-	-	-	-	-	-	-	-	-	151
LEAD-ZINC	6,000	431	-	-	-	-	-	-	-	27	-	809	-	1,154	-	55	-	130	-	-	6,000	12,533
MOLYBDENUM	12,000	156	-	-	-	-	-	-	-	-	-	314	-	547	-	2	-	-	-	-	12,000	1,635
SILVER	-	514	-	305	-	-	-	-	-	-	-	393	-	312	-	75	-	-	-	11	12,000	2,320
TUNGSTEN	-	-	-	-	-	-	-	-	-	-	-	3	-	29	-	-	-	-	-	-	-	34
URANIUM	-	110	-	-	-	-	-	-	-	-	-	186	-	417	-	50	-	-	-	-	-	1,329
TOTAL	18,000	2,518	6,000	306	-	-	-	-	-	27	-	3,731	-	3,285	-	311	-	207	-	100	36,000	25,857
SURFACE AT UG:																						
COPPER	-	3	-	-	-	-	-	-	-	-	-	1,556	-	197	-	5	-	-	-	-	-	2,101
GOLD	-	338	-	-	-	-	-	-	-	-	-	9	-	71	-	8	-	-	-	-	-	500
IRON	-	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
LEAD-ZINC	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	14	-	-	-	-	6,000	196
MOLYBDENUM	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
SILVER	-	4	-	-	-	-	-	-	-	-	-	-	-	11	-	5	-	-	-	-	-	94
TUNGSTEN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
URANIUM	-	378	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	417
TOTAL	-	741	-	-	-	-	-	-	-	-	-	1,565	-	292	-	32	-	-	-	-	6,000	3,331
TOTAL UNDERGROUND:																						
COPPER	-	149	-	1	-	-	-	-	-	-	-	2,497	-	589	-	57	-	75	-	-	-	5,611
GOLD	-	1,411	6,000	-	-	-	-	-	-	-	-	1,079	-	505	-	85	-	2	-	89	6,000	4,845
IRON	-	104	-	-	-	-	-	-	-	-	-	15	-	-	-	-	-	-	-	-	-	167
LEAD-ZINC	6,000	431	-	-	-	-	-	-	-	27	-	809	-	1,165	-	69	-	130	-	-	12,000	12,729
MOLYBDENUM	12,000	158	-	-	-	-	-	-	-	-	-	314	-	547	-	2	-	-	-	-	12,000	1,639
SILVER	-	518	-	305	-	-	-	-	-	-	-	393	-	323	-	80	-	-	-	11	12,000	2,414
TUNGSTEN	-	-	-	-	-	-	-	-	-	-	-	3	-	29	-	-	-	-	-	-	-	37
URANIUM	-	488	-	-	-	-	-	-	-	-	-	186	-	419	-	50	-	-	-	-	-	1,746
TOTAL	18,000	3,259	6,000	306	-	-	-	-	-	27	-	5,296	-	3,577	-	343	-	207	-	100	42,000	29,188
SURFACE MINES:																						
OPEN PIT:																						
ALUMINUM ORE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COPPER	6,000	1,034	-	-	-	19	-	-	-	-	-	352	-	1,971	-	96	-	-	-	13	6,000	4,227
GOLD	6,000	103	-	-	-	-	-	-	-	-	-	44	-	368	-	11	-	-	-	11	6,000	999
IRON	6,000	162	-	-	-	-	-	-	-	-	-	55	-	1,296	-	76	-	-	-	-	6,000	3,280
MERCURY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOLYBDENUM	-	51	-	-	-	-	-	-	-	-	-	-	-	111	-	-	-	-	-	18	-	287
PLATINUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
SILVER	-	57	-	-	-	-	-	-	-	-	-	-	-	97	-	-	-	-	-	-	-	160
URANIUM	-	149	-	-	-	-	-	-	-	-	-	72	-	174	-	-	-	-	-	-	-	776
TOTAL	18,000	1,556	-	-	-	19	-	-	-	-	-	523	-	4,017	-	183	-	-	-	42	18,000	9,735

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TABLE 16.- NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND TYPE OF MINERAL AT METALLIC OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND TYPE OF MINERAL	ELECTRICAL		ENTRAPMENT		EXPLODING VESSELS UNDER PRESSURE		EXPLOSIVES AND BREAKING AGENTS		FALLING, ROLLING OR SLIDING MATERIAL		FALL OF FACE RIB, SIDE OR HIGHWALL		FALL OF ROOF (UNDERGROUND MINES ONLY)		FIRE		HANDLING MATERIAL		HANDTOOLS		NONPOWERED HAULAGE	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
DREDGE:																						
GOLD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	-	7	-	-
TITANIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	76	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	124	-	7	-	-
TOTAL SURFACE:																						
ALUMINUM ORE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COPPER	-	8	-	-	-	-	-	-	-	48	-	32	-	-	-	-	-	434	-	220	-	-
GOLD	-	9	-	-	-	-	-	-	-	-	-	-	-	-	-	17	-	353	-	138	-	-
IRON	-	-	-	-	-	15	-	-	-	-	-	-	-	-	-	41	-	1,356	-	272	-	7
MERCURY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOLYBDENUM	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	101	-	1	-	-
PLATINUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-
SILVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-
TITANIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	76	-	-	-	-
URANIUM	-	-	-	-	-	55	-	-	-	-	-	-	-	-	-	-	-	324	-	4	-	-
TOTAL	-	17	-	-	-	70	-	-	-	48	-	37	-	-	-	58	-	2,654	-	635	-	7
TOTAL MINING:																						
ALUMINUM ORE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COPPER	-	9	-	-	-	-	-	-	-	87	-	285	-	127	-	-	-	1,898	-	579	-	-
GOLD	-	9	-	-	-	4	-	30	-	-	-	96	-	143	-	17	-	1,275	-	569	-	48
IRON	-	-	-	-	-	15	-	-	-	-	-	-	-	-	-	41	-	1,404	-	272	-	7
LEAD-ZINC	6,000	112	-	-	-	2	-	5	-	7	-	233	-	7,008	-	-	-	1,992	-	739	-	-
MERCURY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOLYBDENUM	-	-	-	-	-	1	-	-	-	-	-	8	-	74	-	-	-	549	-	93	-	-
PLATINUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-
SILVER	6,000	-	-	-	-	33	-	24	-	21	-	226	6,000	130	-	-	-	253	-	103	-	-
TITANIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	76	-	-	-	-
TUNGSTEN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-
URANIUM	-	-	-	-	-	55	-	-	-	-	-	60	-	137	-	-	-	677	-	57	-	-
TOTAL	12,000	130	-	-	-	110	-	59	-	115	-	908	6,000	7,619	-	58	-	8,133	-	2,412	-	55
INDEPENDENT SHOPS:																						
COPPER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
IRON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57	-	1	-	-

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TABLE 16.- NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND TYPE OF MINERAL AT METALLIC OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND TYPE OF MINERAL	POWERED HAULAGE		HOISTING		IGNITION OR EXPLOSION OF GAS OR DUST		IMPOUNDMENT		INUNDATION		MACHINERY		SLIPS OR FALLS OF PERSONS		STEPPING OR KNEELING ON OBJECT		STRIKING OR BUMPING		OTHER		TOTAL	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
DREDGE:																						
GOLD	-	1	-	-	-	-	-	-	-	-	-	-	-	63	-	-	-	-	-	-	-	119
TITANIUM	-	-	-	-	-	-	-	-	-	-	-	4	-	39	-	-	-	-	-	-	-	119
TOTAL	-	1	-	-	-	-	-	-	-	-	-	4	-	102	-	-	-	-	-	-	-	238
TOTAL SURFACE:																						
ALUMINUM ORE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COPPER	6,000	1,034	-	-	-	19	-	-	-	-	-	352	-	1,971	-	96	-	-	-	13	6,000	4,227
GOLD	6,000	104	-	-	-	-	-	-	-	-	-	44	-	[illegible]	-	11	-	-	-	11	6,000	1,118
IRON	6,000	162	-	-	-	-	-	-	-	-	-	55	-	1,496	-	76	-	-	-	-	6,000	3,280
MERCURY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOLYBDENUM	-	51	-	-	-	-	-	-	-	-	-	-	-	111	-	-	-	-	-	18	-	287
PLATINUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
SILVER	-	57	-	-	-	-	-	-	-	-	-	-	-	97	-	-	-	-	-	-	-	160
TITANIUM	-	-	-	-	-	-	-	-	-	-	-	4	-	39	-	-	-	-	-	-	-	119
URANIUM	-	149	-	-	-	-	-	-	-	-	-	72	-	174	-	-	-	-	-	-	-	778
TOTAL	18,000	1,557	-	-	-	19	-	-	-	-	-	527	-	4,119	-	183	-	-	-	42	18,000	9,973
TOTAL MINING:																						
ALUMINUM ORE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COPPER	6,000	1,183	-	1	-	19	-	-	-	-	-	2,849	-	2,560	-	153	-	75	-	13	6,000	9,838
GOLD	6,000	1,515	6,000	-	-	-	-	-	-	-	-	1,123	-	936	-	96	-	2	-	100	12,000	5,963
IRON	6,000	266	-	-	-	-	-	-	-	-	-	70	-	1,296	-	78	-	-	-	-	6,000	3,447
LEAD-ZINC	6,000	431	-	-	-	-	-	-	-	27	-	809	-	1,165	-	69	-	130	-	-	12,000	12,729
MERCURY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOLYBDENUM	12,000	209	-	-	-	-	-	-	-	-	-	314	-	658	-	2	-	-	-	18	12,000	1,926
PLATINUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
SILVER	-	575	-	305	-	-	-	-	-	-	-	393	-	420	-	80	-	-	-	11	12,000	2,574
TITANIUM	-	-	-	-	-	-	-	-	-	-	-	4	-	39	-	-	-	-	-	-	-	119
TUNGSTEN	-	-	-	-	-	-	-	-	-	-	-	3	-	29	-	-	-	-	-	-	-	37
URANIUM	-	637	-	-	-	-	-	-	-	-	-	258	-	593	-	50	-	-	-	-	-	2,524
TOTAL	36,000	4,816	6,000	306	-	19	-	-	-	27	-	5,823	-	7,696	-	526	-	207	-	142	60,000	39,161
INDEPENDENT SHOPS:																						
COPPER	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-	-	-	-	-	13
IRON	-	-	-	-	-	-	-	-	-	-	-	35	-	80	-	-	-	-	-	-	-	172
TOTAL	-	-	-	-	-	-	-	-	-	-	-	35	-	92	-	-	-	-	-	-	-	185

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TABLE 16.- NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND TYPE OF MINERAL AT METALLIC OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND TYPE OF MINERAL	ELECTRICAL		ENTRAPMENT		EXPLODING VESSELS UNDER PRESSURE		EXPLOSIVES AND BREAKING AGENTS		FALLING, ROLLING OR SLIDING MATERIAL		FALL OF FACE RIB, SIDE OR HIGHWALL		FALL OF ROOF (UNDERGROUND MINES ONLY)		FIRE		HANDLING MATERIAL		HANDTOOLS		NONPOWERED HAULAGE	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
PROCESSING PLANTS:																						
ALUMINUM ORE	-	-	-	-	-	40	-	-	-	-	-	-	-	-	-	-	-	692	-	605	6,000	-
BERYL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COPPER	-	133	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	672	-	670	-	3
GOLD	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	922	-	180	-	-
IRON	-	9	-	-	-	-	-	-	-	-	-	-	-	-	-	17	-	1,460	-	502	-	38
LEAD-ZINC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	113	-	48	-	-
MANGANESE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-
MERCURY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	18	-	-
MOLYBDENUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	128	-	6	-	-
RARE EARTHS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51	-	46	-	-
SILVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	427	-	12	-	-
TITANIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	-	-	-
TUNGSTEN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	115	-	1	-	-
URANIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	223	-	100	-	-
VANADIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER METALS, NEC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	142	-	-	-	41	-	-	-	-	-	-	-	-	-	17	-	4,823	-	2,188	6,000	41
TOTAL, MINES AND PLNTS:																						
ALUMINUM ORE	-	-	-	-	-	40	-	-	-	-	-	-	-	-	-	-	-	692	-	605	6,000	-
BERYL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COPPER	-	142	-	-	-	-	-	-	-	87	-	285	-	127	-	-	-	2,570	-	1,250	-	3
GOLD	-	9	-	-	-	5	-	30	-	-	-	96	-	143	-	17	-	2,197	-	749	-	48
IRON	-	9	-	-	-	15	-	-	-	-	-	-	-	-	-	58	-	2,921	-	774	-	45
LEAD-ZINC	6,000	112	-	-	-	2	-	5	-	7	-	233	-	7,008	-	-	-	2,105	-	787	-	-
MANGANESE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-
MERCURY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	18	-	-
MOLYBDENUM	-	-	-	-	-	1	-	-	-	-	-	8	-	74	-	-	-	677	-	99	-	-
PLATINUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-
RARE EARTHS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51	-	46	-	-
SILVER	6,000	-	-	-	-	33	-	24	-	21	-	226	6,000	130	-	-	-	680	-	115	-	-
TITANIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	84	-	-	-	-
TUNGSTEN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	120	-	1	-	-
URANIUM	-	-	-	-	-	55	-	-	-	-	-	60	-	137	-	-	-	900	-	157	-	-
VANADIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER METALS, NEC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	12,000	272	-	-	-	151	-	59	-	115	-	908	6,000	7,619	-	75	-	13,013	-	4,601	6,000	96
OFFICE:																						
ALUMINUM ORE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GOLD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IRON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41	-	5	-	-
LEAD-ZINC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-
MOLYBDENUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	127	-	-	-	-
SILVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	217	-	5	-	-

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TABLE 16.- NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND TYPE OF MINERAL AT METALLIC OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND TYPE OF MINERAL	POWERED HAULAGE		HOISTING		IGNITION OR EXPLOSION OF GAS OR DUST		IMPOUNDMENT		INUNDATION		MACHINERY		SLIPS OR FALLS OF PERSONS		STEPPING OR KNEELING ON OBJECT		STRIKING OR BUMPING		OTHER		TOTAL	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
PROCESSING PLANTS:																						
ALUMINUM ORE	-	273	-	-	-	-	-	-	-	-	-	1,675	-	900	-	37	-	-	-	19	6,000	4,241
BERYL	-	-	-	-	-	-	-	-	-	-	-	5	-	1	-	1	-	-	-	-	-	7
COPPER	-	248	-	-	-	-	-	-	-	-	6,000	331	-	1,335	-	38	-	202	-	-	6,000	3,532
GOLD	-	89	-	-	-	-	-	-	-	-	-	112	-	162	-	20	-	-	-	6	-	1,492
IRON	6,000	13	-	-	-	1	-	-	-	-	-	352	6,000	1,122	-	67	-	25	-	8	12,000	3,614
LEAD-ZINC	-	44	-	-	-	-	-	-	-	-	-	46	-	125	-	51	-	-	-	-	-	427
MANGANESE	-	-	-	-	-	-	-	-	-	-	-	-	-	70	-	-	-	-	-	-	-	76
MERCURY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24
MOLYBDENUM	-	9	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	149
RARE EARTHS	-	61	-	-	-	-	-	-	-	-	-	-	-	73	-	-	-	-	-	-	-	231
SILVER	-	-	-	-	-	-	-	-	-	-	-	200	-	94	-	-	-	-	-	14	-	747
TITANIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	363	-	-	-	-	-	-	-	371
TUNGSTEN	-	-	-	-	-	-	-	-	-	-	-	290	-	13	-	2	-	-	-	-	-	421
URANIUM	-	-	-	-	-	-	-	-	-	-	-	92	-	242	-	-	-	-	-	47	-	704
VANADIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	18	-	-	-	-	-	-	-	18
OTHER METALS, NEC	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	7	-	-	-	-	-	19
TOTAL	6,000	737	-	-	-	7	-	-	-	-	6,000	3,103	6,000	4,530	-	223	-	227	-	94	24,000	16,173
TOTAL, MINES AND PLNTS:																						
ALUMINUM ORE	-	273	-	-	-	-	-	-	-	-	-	1,675	-	900	-	37	-	-	-	19	6,000	4,241
BERYL	-	-	-	-	-	-	-	-	-	-	-	5	-	1	-	1	-	-	-	-	-	7
COPPER	6,000	1,431	-	1	-	19	-	-	-	-	6,000	3,180	-	3,907	-	191	-	277	-	13	12,000	13,483
GOLD	6,000	1,604	6,000	-	-	-	-	-	-	-	-	1,235	-	1,098	-	116	-	2	-	106	12,000	7,455
IRON	12,000	279	-	-	-	1	-	-	-	-	-	457	6,000	2,498	-	143	-	25	-	8	18,000	7,233
LEAD-ZINC	6,000	475	-	-	-	-	-	-	-	27	-	855	-	1,290	-	120	-	130	-	-	12,000	13,156
MANGANESE	-	-	-	-	-	-	-	-	-	-	-	-	-	70	-	-	-	-	-	-	-	76
MERCURY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24
MOLYBDENUM	12,000	218	-	-	-	6	-	-	-	-	-	314	-	658	-	2	-	-	-	18	12,000	2,075
PLATINUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
RARE EARTHS	-	61	-	-	-	-	-	-	-	-	-	-	-	73	-	-	-	-	-	-	-	231
SILVER	-	575	-	305	-	-	-	-	-	-	-	593	-	514	-	80	-	-	-	25	12,000	3,321
TITANIUM	-	-	-	-	-	-	-	-	-	-	-	4	-	402	-	-	-	-	-	-	-	490
TUNGSTEN	-	-	-	-	-	-	-	-	-	-	-	293	-	42	-	2	-	-	-	-	-	458
URANIUM	-	637	-	-	-	-	-	-	-	-	-	350	-	835	-	50	-	-	-	47	-	3,228
VANADIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	18	-	-	-	-	-	-	-	18
OTHER METALS, NEC	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	7	-	-	-	-	-	19
TOTAL	42,000	5,553	6,000	306	-	26	-	-	-	27	6,000	8,961	6,000	12,318	-	749	-	434	-	236	84,000	55,519
OFFICE:																						
ALUMINUM ORE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GOLD	-	-	-	-	-	-	-	-	-	-	-	179	-	11	-	-	-	-	-	-	-	190
IRON	-	-	-	-	-	-	-	-	-	-	-	-	-	27	-	-	-	-	-	-	-	73
LEAD-ZINC	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	7
MOLYBDENUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	127
SILVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46
TOTAL	-	-	-	-	-	-	-	-	-	-	-	179	-	42	-	-	-	-	-	-	-	443

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TABLE 16.- NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND TYPE OF MINERAL AT METALLIC OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND TYPE OF MINERAL	ELECTRICAL		ENTRAPMENT		EXPLODING VESSELS UNDER PRESSURE		EXPLOSIVES AND BREAKING AGENTS		FALLING, ROLLING OR SLIDING MATERIAL		FALL OF FACE RIB, SIDE OR HIGHWALL		FALL OF ROOF (UNDERGROUND MINES ONLY)		FIRE		HANDLING MATERIAL		HANDTOOLS		NONPOWERED HAULAGE	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
GRAND TOTAL:																						
ALUMINUM ORE	-	-	-	-	-	40	-	-	-	-	-	-	-	-	-	-	-	692	-	605	6,000	-
BERYL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COPPER	-	142	-	-	-	-	-	-	-	87	-	285	-	127	-	-	-	2,570	-	1,250	-	3
GOLD	-	9	-	-	-	5	-	30	-	-	-	96	-	143	-	17	-	2,197	-	749	-	48
IRON	-	9	-	-	-	15	-	-	-	-	-	-	-	-	-	58	-	2,962	-	779	-	45
LEAD-ZINC	6,000	112	-	-	-	2	-	5	-	7	-	233	-	7,008	-	-	-	2,108	-	787	-	-
MANGANESE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-
MERCURY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	18	-	-
MOLYBDENUM	-	-	-	-	-	1	-	-	-	-	-	8	-	74	-	-	-	804	-	99	-	-
PLATINUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-
RARE EARTHS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51	-	46	-	-
SILVER	6,000	-	-	-	-	33	-	24	-	21	-	226	6,000	130	-	-	-	726	-	115	-	-
TITANIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	84	-	-	-	-
TUNGSTEN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	120	-	1	-	-
URANIUM	-	-	-	-	-	55	-	-	-	-	-	60	-	137	-	-	-	900	-	157	-	-
VANADIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER METALS, NEC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	12,000	272	-	-	-	151	-	59	-	115	-	908	6,000	7,619	-	75	-	13,230	-	4,606	6,000	96

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TABLE 16.- NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND TYPE OF MINERAL AT METALLIC OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND TYPE OF MINERAL	POWERED HAULAGE		HOISTING		IGNITION OR EXPLOSION OF GAS OR DUST		IMPOUNDMENT		INUNDATION		MACHINERY		SLIPS OR FALLS OF PERSONS		STEPPING OR KNEELING ON OBJECT		STRIKING OR BUMPING		OTHER		TOTAL	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
GRAND TOTAL:																						
ALUMINUM ORE	-	273	-	-	-	-	-	-	-	-	-	1,675	-	960	-	37	-	-	-	19	6,000	4,241
BERYL	-	-	-	-	-	-	-	-	-	-	-	5	-	1	-	1	-	-	-	-	-	7
COPPER	6,000	1,431	-	1	-	19	-	-	-	-	6,000	3,180	-	3,907	-	191	-	277	-	13	12,000	13,483
GOLD	6,000	1,604	6,000	-	-	-	-	-	-	-	-	1,414	-	1,109	-	116	-	2	-	106	12,000	7,645
IRON	12,000	279	-	-	-	1	-	-	-	-	-	457	6,000	2,525	-	143	-	25	-	8	18,000	7,306
LEAD-ZINC	6,000	475	-	-	-	-	-	-	-	-	-	855	-	1,294	-	120	-	130	-	-	12,000	13,163
MANGANESE	-	-	-	-	-	-	-	-	-	27	-	-	-	70	-	-	-	-	-	-	-	76
MERCURY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24
MOLYBDENUM	12,000	218	-	-	-	6	-	-	-	-	-	314	-	658	-	2	-	-	-	18	12,000	2,202
PLATINUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
RARE EARTHS	-	61	-	-	-	-	-	-	-	-	-	-	-	73	-	-	-	-	-	-	-	231
SILVER	-	575	-	305	-	-	-	-	-	-	-	593	-	514	-	80	-	-	-	25	12,000	3,367
TITANIUM	-	-	-	-	-	-	-	-	-	-	-	4	-	402	-	-	-	-	-	-	-	490
TUNGSTEN	-	-	-	-	-	-	-	-	-	-	-	293	-	42	-	2	-	-	-	-	-	458
URANIUM	-	637	-	-	-	-	-	-	-	-	-	350	-	835	-	50	-	-	-	47	-	3,228
VANADIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	18	-	-	-	-	-	-	-	18
OTHER METALS, NEC	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	7	-	-	-	-	-	19
TOTAL	42,000	5,553	6,000	306	-	26	-	-	-	27	6,000	9,140	6,000	12,360	-	749	-	434	-	236	84,000	55,962

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TABLE 17. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND OCCUPATION AT TIME OF INJURY AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983

WORK LOCATION AND OCCUPATION AT TIME OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
		NFDL								NFDL							
	FATAL	PERMANENT		TEMPORARY	TOTAL NFDL	TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	PERMANENT		TEMPORARY	TOTAL NFDL	TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
UNDERGROUND MINES:																	
UNDERGROUND:																	
BELTMAN/BOOM OPR.	-	-	-	1	1	1	-	1	-	-	-	141	141	141	-	141	141
CLEANUP/VENTILATION	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
DRILL OPERATOR	-	-	-	29	29	29	16	45	-	-	-	709	709	709	-	24	24
ELECTRICIAN	1	-	-	6	6	7	11	18	6,000	-	-	220	220	6,220	-	37	889
FRONT END LOADER	-	-	-	3	3	3	-	3	-	-	-	100	100	100	-	33	33
HAUL, DUMP	-	1	-	3	4	4	4	8	-	6,000	-	46	6,046	6,046	-	15	1,512
HOIST/CAGE/SKIP	-	-	-	6	6	6	10	16	-	-	-	434	434	434	-	72	72
LABORER	-	-	3	96	99	99	46	145	-	-	150	1,983	2,133	2,133	50	21	22
LOADING MACH. OPR.	1	-	1	26	27	28	9	37	6,000	-	200	772	972	6,972	200	30	249
MECHANIC/MAINTENANCE	1	-	2	44	46	47	53	100	6,000	-	100	1,236	1,336	7,336	50	28	156
MINER	2	-	3	300	303	305	197	502	12,000	-	1,640	7,705	9,345	21,345	547	26	70
MINING MACH. OPR.	-	-	-	7	7	7	8	15	-	-	-	252	252	252	-	36	36
POWDERMAN/BLASTER	-	-	-	6	6	6	6	12	-	-	-	67	67	67	-	11	11
RAIL TRANSP. AND HAUL.	-	-	2	37	39	39	37	76	-	-	700	885	1,585	1,585	350	24	41
ROCK/ROOF BOLTER	-	-	1	5	6	6	1	7	-	-	600	140	740	740	600	28	123
SUPERVISOR/FOREMAN	1	-	-	9	9	10	13	23	6,000	-	-	370	370	6,370	-	41	637
TECH./PROF./CLERICAL	-	-	-	2	2	2	5	7	-	-	-	108	108	108	-	54	54
TIMBERMAN/JACKSETTER	-	-	1	5	6	6	3	9	-	-	50	390	440	440	50	78	73
TRUCK DRIVER	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
WELDER/MACHINIST	-	-	-	11	11	11	8	19	-	-	-	458	458	458	-	42	42
N.E.C. OR UNKNOWN	-	-	1	19	20	20	19	39	-	-	50	347	397	397	50	18	20
TOTAL OR AVERAGE	6	1	14	616	631	637	447	1,084	36,000	6,000	3,490	16,367	25,857	61,857	249	27	97
SURFACE AT UNDERGROUND:																	
BELTMAN/BOOM OPR.	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
BULLDOZER/MOBILE EQUIP.	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
CLEANUP/VENTILATION	-	-	-	1	1	1	-	1	-	-	-	17	17	17	-	17	17
ELECTRICIAN	1	-	1	3	4	5	2	7	6,000	-	1,390	375	1,765	7,765	1,390	125	1,553
FRONT END LOADER	-	-	-	1	1	1	2	3	-	-	-	55	55	55	-	55	55
HOIST/CAGE/SKIP	-	-	-	2	2	2	2	4	-	-	-	18	18	18	-	9	9
LABORER	-	-	-	12	12	12	12	24	-	-	-	252	252	252	-	21	21
MECHANIC/MAINTENANCE	-	-	1	11	12	12	21	33	-	-	300	138	438	438	300	13	36
MINER	-	-	-	13	13	13	8	21	-	-	-	144	144	144	-	11	11
PREP. PLANT OPR.	-	-	1	1	2	2	1	3	-	-	50	9	59	59	50	9	30
RAIL TRANSP. AND HAUL.	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
SUPERVISOR/FOREMAN	-	-	-	1	1	1	1	2	-	-	-	51	51	51	-	51	51
TECH./PROF./CLERICAL	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
TIMBERMAN/JACKSETTER	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
TRUCK DRIVER	-	-	-	2	2	2	1	3	-	-	-	20	20	20	-	10	10
WELDER/MACHINIST	-	-	-	3	3	3	7	10	-	-	-	124	124	124	-	41	41
N.E.C. OR UNKNOWN	-	-	-	4	4	4	4	8	-	-	-	382	382	382	-	96	96
TOTAL OR AVERAGE	1	-	3	56	59	60	65	125	6,000	-	1,740	1,591	3,331	9,331	580	28	156

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TABLE 17. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND OCCUPATION AT TIME OF INJURY AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND OCCUPATION AT TIME OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	MDL	TOTAL INJURIES	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY						PERMANENT		TEMPORARY					
		TOTAL	PARTIAL							TOTAL	PARTIAL						
TOTAL OR AVERAGE, UG:																	
BELTMAN/BOOM OPR.	-	-	-	1	1	1	1	2	-	-	-	141	141	141	-	141	141
BULLDOZER/MOBILE EQUIP.	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
CLEANUP/VENTILATION	-	-	-	1	1	1	1	2	-	-	-	17	17	17	-	17	17
DRILL OPERATOR	-	-	-	29	29	29	16	45	-	-	-	709	709	709	-	24	24
ELECTRICIAN	2	-	1	9	10	12	13	25	12,000	-	1,390	595	1,985	13,985	1,390	66	1,165
FRONT END LOADER	-	-	-	4	4	4	2	6	-	-	-	155	155	155	-	39	39
HAUL DUMP	-	1	-	3	4	4	4	8	-	6,000	-	46	6,046	6,046	-	15	1,512
HOIST/CAGE/SKIP	-	-	-	8	8	8	12	20	-	-	-	452	452	452	-	56	56
LABORER	-	-	3	108	111	111	58	169	-	-	150	2,235	2,385	2,385	50	21	21
LOADING MACH. OPR.	1	-	1	26	27	28	9	37	6,000	-	200	772	972	6,972	200	30	249
MECHANIC/MAINTENANCE	1	-	3	55	58	59	74	133	6,000	-	400	1,374	1,774	7,774	133	25	132
MINER	2	-	3	313	316	318	205	523	12,000	-	1,640	7,849	9,489	21,489	547	25	68
MINING MACH. OPR.	-	-	-	7	7	7	8	15	-	-	-	252	252	252	-	36	36
POWDERMAN/BLASTER	-	-	-	6	6	6	6	12	-	-	-	67	67	67	-	11	11
PREP. PLANT OPR.	-	-	1	1	2	2	1	3	-	-	50	9	59	59	50	9	30
RAIL TRANSP. AND HAUL.	-	-	2	37	39	39	38	77	-	-	700	885	1,585	1,585	350	24	41
ROCK/ROOF BOLTER	-	-	1	5	6	6	1	7	-	-	600	140	740	740	600	28	123
SUPERVISOR/FOREMAN	1	-	-	10	10	11	14	25	6,000	-	-	421	421	6,421	-	42	584
TECH./PROF./CLERICAL	-	-	-	2	2	2	7	9	-	-	-	108	108	108	-	54	54
TIMBERMAN/JACKSETTER	-	-	1	6	7	7	3	10	-	-	50	392	442	442	50	65	63
TRUCK DRIVER	-	-	-	3	3	3	1	4	-	-	-	24	24	24	-	8	8
WELDER/MACHINIST	-	-	-	14	14	14	15	29	-	-	-	582	582	582	-	42	42
M.E.C. OR UNKNOWN	-	-	1	23	24	24	23	47	-	-	50	729	779	779	50	32	32
TOTAL OR AVERAGE	7	1	17	672	690	697	512	1,209	42,000	6,000	5,230	17,958	29,188	71,188	308	27	102
SURFACE MINES:																	
OPEN PIT:																	
BULLDOZER/MOBILE EQUIP.	-	-	-	18	18	18	7	25	-	-	-	454	454	454	-	25	25
CLEANUP/VENTILATION	-	-	-	1	1	1	1	2	-	-	-	60	60	60	-	60	60
DRAG/CRANE/SHOVEL OPR.	-	-	1	4	5	5	1	6	-	-	1,500	31	1,531	1,531	1,500	8	306
DRILL OPERATOR	-	-	-	8	8	8	5	13	-	-	-	124	124	124	-	16	16
ELECTRICIAN	-	-	1	13	14	14	12	26	-	-	300	400	700	700	300	31	50
FRONT END LOADER	-	-	-	3	3	3	2	5	-	-	-	20	20	20	-	7	7
LABORER	-	-	1	31	32	32	27	59	-	-	50	821	871	871	50	26	27
MECHANIC/MAINTENANCE	1	-	3	118	121	122	76	198	6,000	-	200	2,825	3,025	9,025	67	24	74
MINER	-	-	-	4	4	4	1	5	-	-	-	13	13	13	-	3	3
POWDERMAN/BLASTER	-	-	-	1	1	1	1	2	-	-	-	29	29	29	-	29	29
PREP. PLANT OPR.	-	-	-	11	11	11	4	15	-	-	-	118	118	118	-	11	11
RAIL TRANSP. AND HAUL	-	-	1	4	5	5	7	12	-	-	440	144	584	584	440	36	117
SUPERVISOR/FOREMAN	-	-	-	18	18	18	14	32	-	-	-	331	331	331	-	18	18
TECH./PROF./CLERICAL	-	-	1	2	3	3	4	7	-	-	50	364	414	414	50	182	138
TRUCK DRIVER	2	-	-	38	38	40	9	49	12,000	-	-	646	646	12,646	-	17	316
WELDER/MACHINIST	-	-	-	22	22	22	17	39	-	-	-	460	460	460	-	21	21
M.E.C. OR UNKNOWN	-	-	-	12	12	12	11	23	-	-	-	355	355	355	-	30	30
TOTAL OR AVERAGE	3	-	8	308	316	319	199	518	18,000	-	2,540	7,195	9,735	27,735	318	23	87

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TABLE 17. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND OCCUPATION AT TIME OF INJURY AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND OCCUPATION AT TIME OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY						PERMANENT		TEMPORARY					
		TOTAL	PARTIAL							TOTAL	PARTIAL						
DREDGE:																	
BELTMAN/BOOM OPR.	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
BULLDOZER/MOBILE EQUIP.	-	-	-	1	1	1	-	1	-	-	-	12	12	12	-	12	12
DREDGE/BARGE/BOAT	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
ELECTRICIAN	-	-	-	1	1	1	-	1	-	-	-	17	17	17	-	17	17
FRONT END LOADER	-	-	-	1	1	1	-	1	-	-	-	7	7	7	-	7	7
LABORER	-	-	-	2	2	2	-	2	-	-	-	103	103	103	-	52	52
MECHANIC/MAINTENANCE	-	-	-	7	7	7	4	11	-	-	-	42	42	42	-	6	6
PREP. PLANT OPR.	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
WELDER/MACHINIST	-	-	-	2	2	2	-	2	-	-	-	46	46	46	-	23	23
N.E.C. OR UNKNOWN	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
TOTAL OR AVERAGE	-	-	-	16	16	16	6	22	-	-	-	238	238	238	-	15	15
TOTAL OR AVERAGE, SURFACE:																	
BELTMAN/BOOM OPR.	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
BULLDOZER/MOBILE EQUIP.	-	-	-	19	19	19	7	26	-	-	-	466	466	466	-	25	25
CLEANUP/VENTILATION	-	-	-	1	1	1	1	2	-	-	-	60	60	60	-	60	60
DRAG/CRANE/SHOVEL OPR.	-	-	1	4	5	5	1	6	-	-	1,500	31	1,531	1,531	1,500	8	306
DREDGE/BARGE/BOAT	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
DRILL OPERATOR	-	-	-	8	8	8	5	13	-	-	-	124	124	124	-	16	16
ELECTRICIAN	-	-	1	14	15	15	12	27	-	-	300	417	717	717	300	30	48
FRONT END LOADER	-	-	-	4	4	4	2	6	-	-	-	27	27	27	-	7	7
LABORER	-	-	1	33	34	34	27	61	-	-	50	924	974	974	50	28	29
MECHANIC/MAINTENANCE	1	-	3	125	128	129	80	209	6,000	-	200	2,867	3,067	9,067	67	23	70
MINER	-	-	-	4	4	4	1	5	-	-	-	13	13	13	-	3	3
POWDERMAN/BLASTER	-	-	-	1	1	1	1	2	-	-	-	29	29	29	-	29	29
PREP. PLANT OPR.	-	-	-	11	11	11	5	16	-	-	-	118	118	118	-	11	11
RAIL TR/MSP. AND HAUL.	-	-	1	4	5	5	7	12	-	-	440	144	584	584	440	36	117
SUPERVISOR/FOREMAN	-	-	-	18	18	18	14	32	-	-	-	331	331	331	-	18	18
TECH./PROF./CLERICAL	-	-	1	2	3	3	4	7	-	-	50	364	414	414	50	182	138
TRUCK DRIVER	2	-	-	38	38	40	9	49	12,000	-	-	646	646	12,646	-	17	316
WELDER/MACHINIST	-	-	-	24	24	24	17	41	-	-	-	506	506	506	-	21	21
N.E.C. OR UNKNOWN	-	-	-	13	13	13	11	24	-	-	-	360	360	360	-	28	28
TOTAL OR AVERAGE	3	-	8	324	332	335	205	540	18,000	-	2,540	7,433	9,973	27,973	318	23	84

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TABLE 17. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND OCCUPATION AT TIME OF INJURY AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND OCCUPATION AT TIME OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY						PERMANENT		TEMPORARY					
		TOTAL	PARTIAL							TOTAL	PARTIAL						
TOTAL OR AVERAGE, MINING:																	
BELTMAN/BOOM OPR.	-	-	-	1	1	1	2	3	-	-	-	141	141	141	-	141	141
BULLDOZER/MOBILE EQUIP.	-	-	-	20	20	20	7	27	-	-	-	470	470	470	-	24	24
CLEANUP/VENTILATION	-	-	-	2	2	2	2	4	-	-	-	77	77	77	-	38	38
DRAG/CRANE/SHOVEL OPR.	-	-	1	4	5	5	1	6	-	-	1,500	31	1,531	1,531	1,500	8	306
DREDGE/BARGE/BOAT	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
DRILL OPERATOR	-	-	-	37	37	37	21	58	-	-	-	833	833	833	-	23	23
ELECTRICIAN	2	-	2	23	25	27	25	52	12,000	-	1,690	1,012	2,702	14,702	845	44	545
FRONT END LOADER	-	-	-	8	8	8	4	12	-	-	-	182	182	182	-	23	23
HAUL, DUMP	-	1	-	3	4	4	4	8	-	6,000	-	46	6,046	6,046	-	15	1,512
HOIST/CAGE/SKIP	-	-	-	8	8	8	12	20	-	-	-	452	452	452	-	56	56
LABORER	-	-	4	141	145	145	85	230	-	-	200	3,159	3,359	3,359	50	22	23
LOADING MACH. OPR.	1	-	1	26	27	28	9	37	6,000	-	200	772	972	6,972	200	30	249
MECHANIC/MAINTENANCE	2	-	6	180	186	188	154	342	12,000	-	600	4,241	4,841	16,841	100	24	90
MINER	2	-	3	317	320	322	206	528	12,000	-	1,640	7,862	9,502	21,502	547	25	67
MINING MACH. OPR.	-	-	-	7	7	7	8	15	-	-	-	252	252	252	-	36	36
POWDERMAN/BLASTER	-	-	-	7	7	7	7	14	-	-	-	96	96	96	-	14	14
PREP. PLANT OPR.	-	-	1	12	13	13	6	19	-	-	50	127	177	177	50	11	14
RAIL TRANSP. AND HAUL	-	-	3	41	44	44	45	89	-	-	1,140	1,029	2,169	2,169	380	25	49
ROCK/ROOF BOLTER	-	-	1	5	6	6	1	7	-	-	600	140	740	740	600	28	123
SUPERVISOR/FOREMAN	1	-	-	28	28	29	28	57	6,000	-	-	752	752	6,752	-	27	233
TECH./PROF./CLERICAL	-	-	1	4	5	5	11	16	-	-	50	472	522	522	50	118	104
TIMBERMAN/JACKSETTER	-	-	1	6	7	7	3	10	-	-	50	392	442	442	50	65	63
TRUCK DRIVER	2	-	-	41	41	43	10	53	12,000	-	-	670	670	12,670	-	16	295
WELDER/MACHINIST	-	-	-	38	38	38	32	70	-	-	-	1,088	1,088	1,088	-	29	29
N.E.C. OR UNKNOWN	-	-	1	36	37	37	34	71	-	-	50	1,089	1,139	1,139	50	30	31
TOTAL OR AVERAGE	10	1	25	996	1,022	1,032	717	1,749	60,000	6,000	7,770	25,231	39,161	99,161	311	25	96
INDEPENDENT SHOPS:																	
BULLDOZER/MOBILE EQUIP	-	-	-	1	1	1	-	1	-	-	-	12	12	12	-	12	12
ELECTRICIAN	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
LABORER	-	-	-	1	1	1	-	1	-	-	-	32	32	32	-	32	32
MECHANIC/MAINTENANCE	-	-	-	4	4	4	1	5	-	-	-	45	45	45	-	11	11
PREP. PLANT OPR.	-	-	-	2	2	2	-	2	-	-	-	18	18	18	-	9	9
TECH./PROF./CLERICAL	-	-	-	1	1	1	-	1	-	-	-	19	19	19	-	19	19
TRUCK DRIVER	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
WELDER/MACHINIST	-	-	-	1	1	1	3	4	-	-	-	4	4	4	-	4	4
N.E.C. OR UNKNOWN	-	-	1	-	1	1	1	2	-	-	50	-	50	50	50	-	50
TOTAL OR AVERAGE	-	-	1	11	12	12	6	18	-	-	50	135	185	185	50	12	15

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TABLE 17. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND OCCUPATION AT TIME OF INJURY AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND OCCUPATION AT TIME OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
PROCESSING PLANTS:																	
BELTMAN/BOOM OPR.	-	-	-	5	5	5	3	8	-	-	-	426	426	426	-	85	85
BULLDOZER/MOBILE EQUIP.	-	-	-	7	7	7	3	10	-	-	-	225	225	225	-	32	32
CLEANUP/VENTILATION	-	-	-	1	1	1	2	3	-	-	-	64	64	64	-	64	64
DRAG/CRANE/SHOVEL OPR.	-	-	-	2	2	2	7	9	-	-	-	11	11	11	-	6	6
DRILL OPERATOR	-	-	-	4	4	4	1	5	-	-	-	44	44	44	-	11	11
ELECTRICIAN	-	-	-	23	23	23	13	36	-	-	-	769	769	769	-	33	33
FRONT END LOADER	1	-	-	8	8	9	2	11	6,000	-	-	198	198	6,198	-	25	689
HAUL, DUMP	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
LABORER	-	-	-	57	57	57	46	103	-	-	-	1,004	1,004	1,004	-	18	18
MECHANIC/MAINTENANCE	-	-	6	143	149	149	154	303	-	-	325	4,293	4,618	4,618	54	30	31
MINER	-	-	-	2	2	2	2	4	-	-	-	46	46	46	-	23	23
PREP. PLANT OPR.	2	-	3	177	180	182	116	298	12,000	-	400	4,538	4,938	16,938	133	26	93
RAIL TRANSP. AND HAUL.	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
SUPERVISOR/FOREMAN	-	-	1	23	24	24	32	56	-	-	50	988	1,038	1,038	50	43	43
TECH./PROF./CLERICAL	-	-	-	10	10	10	7	17	-	-	-	302	302	302	-	30	30
TRUCK DRIVER	-	-	-	9	9	9	1	10	-	-	-	1,328	1,328	1,328	-	148	148
WELDER/MACHINIST	1	-	-	21	21	22	17	39	6,000	-	-	844	844	6,844	-	40	311
N.E.C. OR UNKNOWN	-	-	-	12	12	12	23	35	-	-	-	318	318	318	-	26	26
TOTAL OR AVERAGE	4	-	10	504	514	518	431	949	24,000	-	775	15,398	16,173	40,173	78	31	78

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TABLE 17. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND OCCUPATION AT TIME OF INJURY AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND OCCUPATION AT TIME OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES		FATAL	NFDL							
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL	TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																	
BELTMAN/BOOM OPR.	-	-	-	6	6	6	5	11	-	-	-	567	567	567	-	94	94
BULLDOZER/MOBILE EQUIP.	-	-	-	28	28	28	10	38	-	-	-	707	707	707	-	25	25
CLEANUP/VENTILATION	-	-	-	3	3	3	4	7	-	-	-	141	141	141	-	47	47
DRAG/CRANE/SHOVEL OPR.	-	-	1	6	7	7	8	15	-	-	1,500	42	1,542	1,542	1,500	7	220
DREDGE/BARGE/BOAT	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
DRILL OPERATOR	-	-	-	41	41	41	22	63	-	-	-	877	877	877	-	21	21
ELECTRICIAN	2	-	2	46	48	50	39	89	12,000	-	1,690	1,781	3,471	15,471	845	39	309
FRONT END LOADER	1	-	-	16	16	17	6	23	6,000	-	-	380	380	6,380	-	24	375
HAUL DUMP	-	1	-	3	4	4	5	9	-	6,000	-	46	6,046	6,046	-	15	1,512
HOIST/CAGE/SKIP	-	-	-	8	8	8	12	20	-	-	-	452	452	452	-	56	56
LABORER	-	-	4	199	203	203	131	334	-	-	200	4,195	4,395	4,395	50	21	22
LOADING MACH. OPR.	1	-	1	26	27	28	9	37	6,000	-	200	772	972	6,972	200	30	249
MECHANIC/MAINTENANCE	2	-	12	327	339	341	309	650	12,000	-	925	8,579	9,504	21,504	77	26	63
MINER	2	-	3	319	322	324	208	532	12,000	-	1,640	7,908	9,548	21,548	547	25	67
MINING MACH. OPR.	-	-	-	7	7	7	8	15	-	-	-	252	252	252	-	36	36
POWDERMAN/BLASTER	-	-	-	7	7	7	7	14	-	-	-	96	96	96	-	14	14
PREP. PLANT OPR.	2	-	4	191	195	197	122	319	12,000	-	450	4,683	5,133	17,133	112	25	87
RAIL TRANSP. AND HAUL.	-	-	3	41	44	44	46	90	-	-	1,140	1,029	2,169	2,169	380	25	49
ROCK/ROOF BOLTER	-	-	1	5	6	6	1	7	-	-	600	140	740	740	600	28	123
SUPERVISOR/FOREMAN	1	-	1	51	52	53	60	113	6,000	-	50	1,740	1,790	7,790	50	34	147
TECH./PROF./CLERICAL	-	-	1	15	16	16	18	34	-	-	50	793	843	843	50	53	53
TIMBERMAN/JACKSETTER	-	-	1	6	7	7	3	10	-	-	50	392	442	442	50	65	63
TRUCK DRIVER	2	-	-	51	51	53	11	64	12,000	-	-	2,003	2,003	14,003	-	39	264
WELDER/MACHINIST	1	-	-	60	60	61	52	113	6,000	-	-	1,936	1,936	7,936	-	32	130
N.E.C. OR UNKNOWN	-	-	2	48	50	50	58	108	-	-	100	1,407	1,507	1,507	50	29	30
TOTAL OR AVERAGE	14	1	36	1,511	1,548	1,562	1,154	2,716	84,000	6,000	8,595	40,924	55,519	139,519	239	27	89
OFFICE:																	
LABORER	-	-	-	3	3	3	-	3	-	-	-	228	228	228	-	76	76
MECHANIC/MAINTENANCE	-	-	-	1	1	1	1	2	-	-	-	18	18	18	-	18	18
PREP. PLANT OPR.	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TECH./PROF./CLERICAL	-	-	-	3	3	3	3	6	-	-	-	133	133	133	-	44	44
TRUCK DRIVER	-	-	-	2	2	2	1	3	-	-	-	27	27	27	-	14	14
N.E.C. OR UNKNOWN	-	-	-	3	3	3	2	5	-	-	-	37	37	37	-	12	12
TOTAL OR AVERAGE	-	-	-	12	12	12	8	20	-	-	-	443	443	443	-	37	37

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TABLE 17. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND OCCUPATION AT TIME OF INJURY AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND OCCUPATION AT TIME OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
		NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES		NFDL				TOTAL FATAL AND NFDL			
	FATAL	PERMANENT		TEMPORARY	TOTAL NFDL				FATAL	PERMANENT		TEMPORARY	TOTAL NFDL		PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
GRAND TOTAL OR AVERAGE:																	
BELTMAN/BOOM OPR.	-	-	-	6	6	6	5	11	-	-	-	567	567	567	-	94	94
BULLDOZER/MOBILE EQUIP.	-	-	-	28	28	28	10	38	-	-	-	707	707	707	-	25	25
CLEANUP/VENTILATION	-	-	-	3	3	3	4	7	-	-	-	141	141	141	-	47	47
DRAG/CRANE/SHOVEL OPR.	-	-	1	6	7	7	8	15	-	-	1,500	42	1,542	1,542	1,500	7	220
DREDGE/BARGE/BOAT	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
DRILL OPERATOR	-	-	-	41	41	41	22	63	-	-	-	877	877	877	-	21	21
ELECTRICIAN	2	-	2	46	48	50	39	89	12,000	-	1,690	1,781	3,471	15,471	945	39	309
FRONT END LOADER	1	-	-	16	16	17	6	23	6,000	-	-	380	380	6,380	-	24	375
HAUL, DUMP	-	1	-	3	4	4	5	9	-	6,000	-	46	6,046	6,046	-	15	1,512
HOIST/CAGE/SKIP	-	-	-	8	8	8	12	20	-	-	-	452	452	452	-	56	56
LABORER	-	-	4	202	206	206	131	337	-	-	200	4,423	4,623	4,623	50	22	22
LOADING MACH. OPR.	1	-	1	26	27	28	9	37	6,000	-	200	772	972	6,972	200	30	249
MECHANIC/MAINTENANCE	2	-	12	328	340	342	310	652	12,000	-	925	8,597	9,522	21,522	77	26	63
MINER	2	-	3	319	322	324	208	532	12,000	-	1,640	7,908	9,548	21,548	547	25	67
MINING MACH. OPR.	-	-	-	7	7	7	8	15	-	-	-	252	252	252	-	36	36
POWDERMAN/BLASTER	-	-	-	7	7	7	7	14	-	-	-	96	96	96	-	14	14
PREP. PLANT OPR.	2	-	4	191	195	197	123	320	12,000	-	450	4,683	5,133	17,133	112	25	87
RAIL TRANSP. AND HAUL	-	-	3	41	44	44	46	90	-	-	1,140	1,029	2,169	2,169	380	25	49
ROCK/ROOF BOLTER	-	-	1	5	6	6	1	7	-	-	600	140	740	740	600	28	123
SUPERVISOR/FOREMAN	1	-	1	51	52	53	60	113	6,000	-	50	1,740	1,790	7,790	50	34	147
TECH./PROF./CLERICAL	-	-	1	18	19	19	21	40	-	-	50	926	976	976	50	51	51
TIMBERMAN/JACKSETTER	-	-	1	6	7	7	3	10	-	-	50	392	442	442	50	65	63
TRUCK DRIVER	2	-	-	53	53	55	12	67	12,000	-	-	2,030	2,030	14,030	-	38	255
WELDER/MACHINIST	1	-	-	60	60	61	52	113	6,000	-	-	1,936	1,936	7,936	-	32	130
N.E.C. OR UNKNOWN	-	-	2	51	53	53	60	113	-	-	100	1,444	1,544	1,544	50	28	29
TOTAL OR AVERAGE	14	1	36	1,523	1,560	1,574	1,162	2,736	84,000	6,000	8,595	41,367	55,962	139,962	239	27	89

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TABLE 18. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND ACCIDENT CLASSIFICATION AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983

WORK LOCATION AND ACCIDENT CLASSIFICATION	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
UNDERGROUND MINES:																	
UNDERGROUND:																	
ELECTRICAL	1	-	-	1	1	2	1	3	6,000	-	-	1	1	6,001	-	1	3,000
EXPLODING VESSELS UNDER PRESSURE	-	-	-	4	4	4	1	5	-	-	-	40	40	40	-	10	10
EXPLOSIVES AND BREAKING AGENTS	-	-	-	6	6	6	-	6	-	-	-	59	59	59	-	10	10
FALLING, ROLLING, OR SLIDING MATERIAL	-	-	-	5	5	5	6	11	-	-	-	67	67	67	-	13	13
FALL OF FACE, RIB, SIDE OR HIGHWALL	-	-	-	28	28	28	6	34	-	-	-	871	871	871	-	31	31
FALL OF ROOF (UNDERGROUND MINES ONLY)	1	1	-	69	70	71	59	130	6,000	6,000	-	1,619	7,619	13,619	-	23	192
FIRE	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
HANDLING MATERIAL	-	-	8	138	146	146	105	251	-	-	1,300	3,614	4,914	4,914	162	26	34
HAND TOOLS	-	-	1	57	58	58	94	152	-	-	200	1,553	1,753	1,753	200	27	30
NONPOWERED HAULAGE	-	-	-	1	1	1	-	1	-	-	-	48	48	48	-	48	48
POWERED HAULAGE	3	-	3	54	57	60	32	92	18,000	-	950	1,568	2,518	20,518	317	29	342
HOISTING	1	-	-	4	4	5	1	6	6,000	-	-	306	306	6,306	-	76	1,261
INUNDATION	-	-	-	1	1	1	-	1	-	-	-	27	27	27	-	27	27
MACHINERY	-	-	2	115	117	117	80	197	-	-	1,040	2,691	3,731	3,731	520	23	32
SLIPS OR FALLS OF PERSONS	-	-	-	106	106	106	55	161	-	-	-	3,285	3,285	3,285	-	31	31
STEPPING OR KNEELING ON OBJECT	-	-	-	21	21	21	2	23	-	-	-	311	311	311	-	15	15
STRIKING OR BUMPING	-	-	-	3	3	3	1	4	-	-	-	207	207	207	-	69	69
OTHER INJURIES	-	-	-	3	3	3	1	4	-	-	-	100	100	100	-	33	33
TOTAL OR AVERAGE	6	1	14	616	631	637	447	1,084	36,000	6,000	3,490	16,367	25,857	61,857	249	27	97
SURFACE AT UNDERGROUND:																	
ELECTRICAL	1	-	-	1	1	2	1	3	6,000	-	-	112	112	6,112	-	112	3,056
FALLING, ROLLING, OR SLIDING MATERIAL	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HANDLING MATERIAL	-	-	1	21	22	22	29	51	-	-	50	515	565	565	50	25	26
HAND TOOLS	-	-	-	4	4	4	13	17	-	-	-	24	24	24	-	6	6
POWERED HAULAGE	-	-	1	7	8	8	4	12	-	-	300	441	741	741	300	63	93
MACHINERY	-	-	1	3	4	4	9	13	-	-	1,390	175	1,565	1,565	1,390	58	391
SLIPS OR FALLS OF PERSONS	-	-	-	15	15	15	5	20	-	-	-	292	292	292	-	19	19
STEPPING OR KNEELING ON OBJECT	-	-	-	5	5	5	-	5	-	-	-	32	32	32	-	6	6
STRIKING OR BUMPING	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
OTHER INJURIES	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	1	-	3	56	59	60	65	125	6,000	-	1,740	1,591	3,331	9,331	580	28	156

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TABLE 18. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND ACCIDENT CLASSIFICATION AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND ACCIDENT CLASSIFICATION	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
TOTAL OR AVERAGE, UG:																	
ELECTRICAL	2	-	-	2	2	4	2	6	12,000	-	-	113	113	12,113	-	56	3,028
EXPLODING VESSELS UNDER PRESSURE	-	-	-	4	4	4	1	5	-	-	-	40	40	40	-	10	10
EXPLOSIVES AND BREAKING AGENTS	-	-	-	6	6	6	-	6	-	-	-	59	59	59	-	10	10
FALLING, ROLLING, OR SLIDING MATERIAL	-	-	-	5	5	5	7	12	-	-	-	67	67	67	-	13	13
FALL OF FACE, RIB, SIDE OR HIGHWALL	-	-	-	28	28	28	6	34	-	-	-	871	871	871	-	31	31
FALL OF ROOF (UNDERGROUND MINES ONLY)	1	1	-	69	70	71	59	130	6,000	6,000	-	1,619	7,619	13,619	-	23	192
FIRE	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
HANDLING MATERIAL	-	-	9	159	168	168	134	302	-	-	1,350	4,129	5,479	5,479	150	26	33
HAND TOOLS	-	-	1	61	62	62	107	169	-	-	200	1,577	1,777	1,777	200	26	29
NONPOWERED HAULAGE	-	-	-	1	1	1	-	1	-	-	-	48	48	48	-	48	48
POWERED HAULAGE	3	-	4	61	65	68	36	104	18,000	-	1,250	2,009	3,259	21,259	312	33	313
HOISTING	1	-	-	4	4	5	1	6	6,000	-	-	306	306	6,306	-	76	1,261
INUNDATION	-	-	-	1	1	1	-	1	-	-	-	27	27	27	-	27	27
MACHINERY	-	-	3	118	121	121	89	210	-	-	2,430	2,866	5,296	5,296	810	24	44
SLIPS OR FALLS OF PERSONS	-	-	-	121	121	121	60	181	-	-	-	3,577	3,577	3,577	-	30	30
STEPPING OR KNEELING ON OBJECT	-	-	-	26	26	26	2	28	-	-	-	343	343	343	-	13	13
STRIKING OR BUMPING	-	-	-	3	3	3	2	5	-	-	-	207	207	207	-	69	69
OTHER INJURIES	-	-	-	3	3	3	3	6	-	-	-	100	100	100	-	33	33
TOTAL OR AVERAGE	7	1	17	672	690	697	512	1,209	42,000	6,000	5,230	17,958	29,188	71,188	308	27	102
SURFACE MINES:																	
OPEN PIT:																	
ELECTRICAL	-	-	-	5	5	5	-	5	-	-	-	17	17	17	-	3	3
EXPLODING VESSELS UNDER PRESSURE	-	-	-	2	2	2	-	2	-	-	-	70	70	70	-	35	35
FALLING, ROLLING, OR SLIDING MATERIAL	-	-	-	1	1	1	-	1	-	-	-	48	48	48	-	48	48
FALL OF FACE, RIB, SIDE OR HIGHWALL	-	-	-	2	2	2	-	2	-	-	-	37	37	37	-	18	18
FIRE	-	-	-	3	3	3	-	3	-	-	-	58	58	58	-	19	19
HANDLING MATERIAL	-	-	4	93	97	97	85	182	-	-	450	2,080	2,530	2,530	112	22	26
HAND TOOLS	-	-	2	25	27	27	53	80	-	-	150	478	628	628	75	19	23
NONPOWERED HAULAGE	-	-	-	1	1	1	-	1	-	-	-	7	7	7	-	7	7
POWERED HAULAGE	3	-	1	35	36	39	7	46	18,000	-	440	1,116	1,556	19,556	440	32	501
IGNITION OR EXPLOSION OF GAS OR DUST	-	-	-	1	1	1	-	1	-	-	-	19	19	19	-	19	19
MACHINERY	-	-	-	20	20	20	29	49	-	-	-	523	523	523	-	26	26
SLIPS OR FALLS OF PERSONS	-	-	1	102	103	103	20	123	-	-	1,500	2,517	4,017	4,017	1,500	25	39
STEPPING OR KNEELING ON OBJECT	-	-	-	12	12	12	2	14	-	-	-	183	183	183	-	15	15
STRIKING OR BUMPING	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
OTHER INJURIES	-	-	-	6	6	6	1	7	-	-	-	42	42	42	-	7	7
TOTAL OR AVERAGE	3	-	8	308	316	319	199	518	18,000	-	2,540	7,195	9,735	27,735	318	23	87

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TABLE 18. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND ACCIDENT CLASSIFICATION AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND ACCIDENT CLASSIFICATION	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
DREDGE:																	
HANDLING MATERIAL	-	-	-	7	7	7	-	7	-	-	-	124	124	124	-	18	18
HAND TOOLS	-	-	-	1	1	1	1	2	-	-	-	7	7	7	-	7	7
POWERED HAULAGE	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
MACHINERY	-	-	-	2	2	2	3	5	-	-	-	4	4	4	-	2	2
SLIPS OR FALLS OF PERSONS	-	-	-	5	5	5	2	7	-	-	-	102	102	102	-	20	20
TOTAL OR AVERAGE	-	-	-	16	16	16	6	22	-	-	-	238	238	238	-	15	15
TOTAL OR AVERAGE, SURFACE:																	
ELECTRICAL	-	-	-	5	5	5	-	5	-	-	-	17	17	17	-	3	3
EXPLODING VESSELS UNDER PRESSURE	-	-	-	2	2	2	-	2	-	-	-	70	70	70	-	35	35
FALLING, ROLLING, OR SLIDING MATERIAL	-	-	-	1	1	1	-	1	-	-	-	48	48	48	-	48	48
FALL OF FACE, RIB, SIDE OR HIGHWALL	-	-	-	2	2	2	-	2	-	-	-	37	37	37	-	18	18
FIRE	-	-	-	3	3	3	-	3	-	-	-	58	58	58	-	19	19
HANDLING MATERIAL	-	-	4	100	104	104	85	189	-	-	450	2,204	2,654	2,654	112	22	26
HAND TOOLS	-	-	2	26	28	28	54	82	-	-	150	485	635	635	75	19	23
NONPOWERED HAULAGE	-	-	-	1	1	1	-	1	-	-	-	7	7	7	-	7	7
POWERED HAULAGE	3	-	1	36	37	40	7	47	18,000	-	440	1,117	1,557	19,557	440	31	489
IGNITION OR EXPLOSION OF GAS OR DUST	-	-	-	1	1	1	-	1	-	-	-	19	19	19	-	19	19
MACHINERY	-	-	-	22	22	22	32	54	-	-	-	527	527	527	-	24	24
SLIPS OR FALLS OF PERSONS	-	-	1	107	108	108	22	130	-	-	1,500	2,619	4,119	4,119	1,500	24	38
STEPPING OR KNEELING ON OBJECT	-	-	-	12	12	12	2	14	-	-	-	183	183	183	-	15	15
STRIKING OR BUMPING	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
OTHER INJURIES	-	-	-	6	6	6	1	7	-	-	-	42	42	42	-	7	7
TOTAL OR AVERAGE	3	-	8	324	332	335	205	540	18,000	-	2,540	7,433	9,973	27,973	318	23	84

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TABLE 18. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND ACCIDENT CLASSIFICATION AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND ACCIDENT CLASSIFICATION	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES		FATAL	NFDL			TOTAL FATAL AND NFDL		PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
TOTAL OR AVERAGE, MINING:																	
ELECTRICAL	2	-	-	7	7	9	2	11	12,000	-	-	130	130	12,130	-	19	1,348
EXPLODING VESSELS UNDER PRESSURE	-	-	-	6	6	6	1	7	-	-	-	110	110	110	-	18	18
EXPLOSIVES AND BREAKING AGENTS	-	-	-	6	6	6	-	6	-	-	-	59	59	59	-	10	10
FALLING, ROLLING, OR SLIDING MATERIAL	-	-	-	6	6	6	7	13	-	-	-	115	115	115	-	19	19
FALL OF FACE, RIB, SIDE OR HIGHWALL	-	-	-	30	30	30	6	36		-	-	908	908	908	-	30	30
FALL OF ROOF (UNDERGROUND MINES ONLY)	1	1	-	69	70	71	59	130	6,000	6,000	-	1,619	7,619	13,619	-	23	192
FIRE	-	-	-	3	3	3	3	6	-	-	-	58	58	58	-	19	19
HANDLING MATERIAL	-	-	13	259	272	272	219	491	-	-	1,800	6,333	8,133	8,133	138	24	30
HAND TOOLS	-	-	3	87	90	90	161	251	-	-	350	2,062	2,412	2,412	117	24	27
NONPOWERED HAULAGE	-	-	-	2	2	2	-	2	-	-	-	55	55	55	-	28	28
POWERED HAULAGE	6	-	5	97	102	108	43	151	36,000	-	1,690	3,126	4,816	40,816	338	32	378
HOISTING	1	-	-	4	4	5	1	6	6,000	-	-	306	306	6,306	-	76	1,261
IGNITION OR EXPLOSION OF GAS OR DUST	-	-	-	1	1	1	-	1	-	-	-	19	19	19	-	19	19
INUNDATION	-	-	-	1	1	1	-	1	-	-	-	27	27	27	-	27	27
MACHINERY	-	-	3	140	143	143	121	264	-	-	2,430	3,393	5,823	5,823	610	24	41
SLIPS OR FALLS OF PERSONS	-	-	1	228	229	229	82	311	-	-	1,500	6,196	7,696	7,696	1,500	27	34
STEPPING OR KNEELING ON OBJECT	-	-	-	38	38	38	4	42	-	-	-	526	526	526	-	14	14
STRIKING OR BUMPING	-	-	-	3	3	3	4	7	-	-	-	207	207	207	-	69	69
OTHER INJURIES	-	-	-	9	9	9	4	13	-	-	-	142	142	142	-	16	16
TOTAL OR AVERAGE	10	1	25	996	1,022	1,032	717	1,749	60,000	6,000	7,770	25,391	39,161	99,161	311	25	96
INDEPENDENT SHOPS:																	
HANDLING MATERIAL	-	-	1	2	3	3	2	5	-	-	50	7	57	57	50	4	19
HAND TOOLS	-	-	-	1	1	1	4	5	-	-	-	1	1	1	-	1	1
MACHINERY	-	-	-	1	1	1	-	1	-	-	-	35	35	35	-	35	35
SLIPS OR FALLS OF PERSONS	-	-	-	7	7	7	-	7	-	-	-	92	92	92	-	13	13
TOTAL OR AVERAGE	-	-	1	11	12	12	6	18	-	-	50	135	185	185	50	12	15

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TABLE 18. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND ACCIDENT CLASSIFICATION AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND ACCIDENT CLASSIFICATION	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
PROCESSING PLANTS:																	
ELECTRICAL	-	-	-	3	3	3	1	4	-	-	-	142	142	142	-	47	47
EXPLODING VESSELS UNDER PRESSURE	-	-	-	3	3	3	2	5	-	-	-	41	41	41	-	14	14
FALLING, ROLLING, OR SLIDING MATERIAL	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
FIRE	-	-	-	1	1	1	2	3	-	-	-	17	17	17	-	17	17
HANDLING MATERIAL	-	-	4	183	187	187	167	354	-	-	225	4,598	4,823	4,823	56	25	26
HAND TOOLS	-	-	6	68	74	74	124	198	-	-	550	1,638	2,188	2,188	92	24	30
NONPOWERED HAULAGE	1	-	-	4	4	5	2	7	6,000	-	-	41	41	6,041	-	10	1,208
POWERED HAULAGE	1	-	-	20	20	21	6	27	6,000	-	-	737	737	6,737	-	37	321
IGNITION OR EXPLOSION OF GAS OR DUST	-	-	-	2	2	2	-	2	-	-	-	7	7	7	-	4	4
MACHINERY	1	-	-	52	52	53	60	113	6,000	-	-	3,103	3,103	9,103	-	60	172
SLIPS OR FALLS OF PERSONS	1	-	-	133	133	134	48	182	6,000	-	-	4,530	4,530	10,530	-	34	79
STEPPING OR KNEELING ON OBJECT	-	-	-	17	17	17	2	19	-	-	-	223	223	223	-	13	13
STRIKING OR BUMPING	-	-	-	6	6	6	8	14	-	-	-	227	227	227	-	38	38
OTHER INJURIES	-	-	-	12	12	12	7	19	-	-	-	94	94	94	-	8	8
TOTAL OR AVERAGE	4	-	10	504	514	518	431	949	24,000	-	775	15,398	16,173	40,173	78	31	78

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TABLE 18. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND ACCIDENT CLASSIFICATION AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND ACCIDENT CLASSIFICATION	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																	
ELECTRICAL	2	-	-	10	10	12	3	15	12,000	-	-	272	272	12,272	-	27	1,023
EXPLODING VESSELS UNDER PRESSURE	-	-	-	9	9	9	3	12	-	-	-	151	151	151	-	17	17
EXPLOSIVES AND BREAKING AGENTS	-	-	-	6	6	6	-	6	-	-	-	59	59	59	-	10	10
FALLING, ROLLING, OR SLIDING MATERIAL	-	-	-	6	6	6	9	15	-	-	-	115	115	115	-	19	19
FALL OF FACE, RIB, SIDE OR HIGHWALL	-	-	-	30	30	30	6	36	-	-	-	908	908	908	-	30	30
FALL OF ROOF (UNDERGROUND MINES ONLY)	1	1	-	69	70	71	59	130	6,000	6,000	-	1,619	7,619	13,619	-	23	192
FIRE	-	-	-	4	4	4	5	9	-	-	-	75	75	75	-	19	19
HANDLING MATERIAL	-	-	18	444	462	462	388	850	-	-	2,075	10,938	13,013	13,013	115	25	28
HAND TOOLS	-	-	9	156	165	165	289	454	-	-	900	3,701	4,601	4,601	100	24	28
NONPOWERED HAULAGE	1	-	-	6	6	7	2	9	6,000	-	-	96	96	6,096	-	16	871
POWERED HAULAGE	7	-	5	117	122	129	49	178	42,000	-	1,690	3,863	5,553	47,553	338	33	369
HOISTING	1	-	-	4	4	5	1	6	6,000	-	-	306	306	6,306	-	76	1,261
IGNITION OR EXPLOSION OF GAS OR DUST	-	-	-	3	3	3	-	3	-	-	-	26	26	26	-	9	9
INUNDATION	-	-	-	1	1	1	-	1	-	-	-	27	27	27	-	27	27
MACHINERY	1	-	3	193	196	197	181	378	6,000	-	2,430	6,531	8,961	14,961	810	34	76
SLIPS OR FALLS OF PERSONS	1	-	1	368	369	370	130	500	6,000	-	1,500	10,818	12,318	18,318	1,500	29	50
STEPPING OR KNEELING ON OBJECT	-	-	-	55	55	55	6	61	-	-	-	749	749	749	-	14	14
STRIKING OR BUMPING	-	-	-	9	9	9	12	21	-	-	-	434	434	434	-	48	48
OTHER INJURIES	-	-	-	21	21	21	11	32	-	-	-	236	236	236	-	11	11
TOTAL OR AVERAGE	14	1	36	1,511	1,548	1,562	1,154	2,716	84,000	6,000	8,595	40,924	55,519	139,519	239	27	89
OFFICE:																	
HANDLING MATERIAL	-	-	-	6	6	6	6	12	-	-	-	217	217	217	-	36	36
HAND TOOLS	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
MACHINERY	-	-	-	1	1	1	-	1	-	-	-	179	179	179	-	179	179
SLIPS OR FALLS OF PERSONS	-	-	-	4	4	4	1	5	-	-	-	42	42	42	-	10	10
STRIKING OR BUMPING	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	12	12	12	8	20	-	-	-	443	443	443	-	37	37

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TABLE 18. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND ACCIDENT CLASSIFICATION AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND ACCIDENT CLASSIFICATION	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
GRAND TOTAL OR AVERAGE																	
ELECTRICAL	2	-	-	10	10	12	3	15	12,000	-	-	272	272	12,272	-	27	1,023
EXPLODING VESSELS UNDER PRESSURE	-	-	-	9	9	9	3	12	-	-	-	151	151	151	-	17	17
EXPLOSIVES AND BREAKING AGENTS	-	-	-	6	6	6	-	6	-	-	-	59	59	59	-	10	10
FALLING, ROLLING, OR SLIDING MATERIAL	-	-	-	6	6	6	9	15	-	-	-	115	115	115	-	19	19
FALL OF FACE, RIB, SIDE OR HIGHWALL	-	-	-	30	30	30	6	36	-	-	-	908	908	908	-	30	30
FALL OF ROOF (UNDERGROUND MINES ONLY	1	1	-	69	70	71	59	130	6,000	6,000	-	1,619	7,619	13,619	-	23	192
FIRE	-	-	-	4	4	4	5	9	-	-	-	75	75	75	-	19	19
HANDLING MATERIAL	-	-	18	450	468	468	394	862	-	-	2,075	11,155	13,230	13,230	115	25	28
HAND TOOLS	-	-	9	157	166	166	289	455	-	-	900	3,706	4,606	4,606	100	24	28
NONPOWERED HAULAGE	1	-	-	6	6	7	2	9	6,000	-	-	96	96	6,096	-	16	871
POWERED HAULAGE	7	-	5	117	122	129	49	178	42,000	-	1,690	3,863	5,553	47,553	338	33	369
HOISTING	1	-	-	4	4	5	1	6	6,000	-	-	306	306	6,306	-	76	1,261
IGNITION OR EXPLOSION OF GAS OR DUST	-	-	-	3	3	3	-	3	-	-	-	26	26	26	-	9	9
INUNDATION	-	-	-	1	1	1	-	1	-	-	-	27	27	27	-	27	27
MACHINERY	1	-	3	194	197	198	181	379	6,000	-	2,430	6,710	9,140	15,140	810	35	76
SLIPS OR FALLS OF PERSONS	1	-	1	372	373	374	131	505	6,000	-	1,500	10,860	12,360	18,360	1,500	29	49
STEPPING OR KNEELING ON OBJECT	-	-	-	55	55	55	6	61	-	-	-	749	749	749	-	14	14
STRIKING OR BUMPING	-	-	-	9	9	9	13	22	-	-	-	434	434	434	-	48	48
OTHER INJURIES	-	-	-	21	21	21	11	32	-	-	-	236	236	236	-	11	11
TOTAL OR AVERAGE	14	1	36	1,523	1,560	1,574	1,162	2,736	84,000	6,000	8,595	41,367	55,962	139,962	239	27	89

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TABLE 19. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND PART OF BODY AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983

ACCIDENT CLASSIFICATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
ELECTRICAL:																	
EYE	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
HAND	-	-	-	1	1	1	2	3	-	-	-	2	2	2	-	2	2
FINGER(S)	-	-	-	1	1	1	1	2	-	-	-	2	2	2	-	2	2
BODY SYSTEMS	2	-	-	2	2	4	-	4	12,000	-	-	7	7	12,007	-	4	3,002
MULTIPLE PARTS OF BODY	-	-	-	5	5	5	-	5	-	-	-	260	260	260	-	52	52
TOTAL OR AVERAGE	2	-	-	10	10	12	3	15	12,000	-	-	272	272	12,272	-	27	1,023
EXPLODING VESSELS UNDER PRESSURE:																	
EAR	-	-	-	1	1	1	1	2	-	-	-	15	15	15	-	15	15
EYE	-	-	-	2	2	2	-	2	-	-	-	5	5	5	-	2	2
FACE, NEC	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
HAND	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FINGER(S)	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TRUNK, NEC	-	-	-	1	1	1	-	1	-	-	-	55	55	55	-	55	55
LOWER EXTREMITIES, NEC	-	-	-	1	1	1	-	1	-	-	-	33	33	33	-	33	33
BODY SYSTEMS	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
MULTIPLE PARTS OF BODY	-	-	-	2	2	2	-	2	-	-	-	40	40	40	-	20	20
TOTAL OR AVERAGE	-	-	-	9	9	9	3	12	-	-	-	151	151	151	-	17	17
EXPLOSIVES AND BREAKING AGENTS:																	
JAW	-	-	-	1	1	1	-	1	-	-	-	9	9	9	-	9	9
FACE, NEC	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
SHOULDER(S)	-	-	-	1	1	1	-	1	-	-	-	8	8	8	-	8	8
THIGH	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
BODY SYSTEMS	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
MULTIPLE PARTS OF BODY	-	-	-	1	1	1	-	1	-	-	-	22	22	22	-	22	22
TOTAL OR AVERAGE	-	-	-	6	6	6	-	6	-	-	-	59	59	59	-	10	10
FALLING, ROLLING, OR SLIDING MATERIAL:																	
EYE	-	-	-	1	1	1	2	3	-	-	-	1	1	1	-	1	1
SCALP	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FACE, NEC	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HEAD, NEC	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
FOREARM	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FINGER(S)	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
TRUNK, NEC	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
KNEE	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
TOE(S)	-	-	-	1	1	1	-	1	-	-	-	48	48	48	-	48	48
LOWER EXTREMITIES, NEC	-	-	-	1	1	1	-	1	-	-	-	38	38	38	-	38	38
MULTIPLE PARTS OF BODY	-	-	-	1	1	1	-	1	-	-	-	21	21	21	-	21	21
TOTAL OR AVERAGE	-	-	-	6	6	6	9	15	-	-	-	115	115	115	-	19	19

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TABLE 19. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND PART OF BODY AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

ACCIDENT CLASSIFICATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
FALL OF FACE, RIB, SIDE OR HIGHWALL:																	
FACE, NEC	-	-	-	1	1	1	1	2	-	-	-	3	3	3	-	3	3
HEAD, NEC	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
ELBOW	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
FOREARM	-	-	-	1	1	1	-	1	-	-	-	26	26	26	-	26	26
WRIST	-	-	-	2	2	2	-	2	-	-	-	80	80	80	-	40	40
HAND	-	-	-	2	2	2	-	2	-	-	-	2	2	2	-	1	1
FINGER(S)	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
PELVIC REGION	-	-	-	1	1	1	1	2	-	-	-	5	5	5	-	5	5
SHOULDER(S)	-	-	-	2	2	2	-	2	-	-	-	45	45	45	-	22	22
TRUNK, NEC	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
THIGH	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
KNEE	-	-	-	1	1	1	-	1	-	-	-	32	32	32	-	32	32
LOWER LEG	-	-	-	2	2	2	-	2	-	-	-	118	118	118	-	59	59
ANKLE	-	-	-	3	3	3	-	3	-	-	-	48	48	48	-	16	16
FOOT	-	-	-	5	5	5	-	5	-	-	-	121	121	121	-	24	24
TOE(S)	-	-	-	1	1	1	-	1	-	-	-	15	15	15	-	15	15
MULTIPLE PARTS OF BODY	-	-	-	6	6	6	1	7	-	-	-	401	401	401	-	67	67
TOTAL OR AVERAGE	-	-	-	30	30	30	6	36	-	-	-	908	908	908	-	30	30
FALL OF ROOF (UNDERGROUND MINES ONLY:																	
EAR	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
EYE	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1
JAW	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MOUTH/TEETH/TONGUE	-	-	-	1	1	1	2	3	-	-	-	16	16	16	-	16	16
NOSE	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
SCALP	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FACE, NEC	-	-	-	1	1	1	2	3	-	-	-	2	2	2	-	2	2
HEAD, NEC	-	-	-	4	4	4	7	11	-	-	-	25	25	25	-	6	6
NECK	-	-	-	2	2	2	-	2	-	-	-	99	99	99	-	50	50
ELBOW	-	-	-	2	2	2	4	6	-	-	-	9	9	9	-	4	4
FOREARM	-	-	-	2	2	2	7	9	-	-	-	11	11	11	-	6	6
WRIST	-	-	-	2	2	2	1	3	-	-	-	31	31	31	-	16	16
HAND	-	-	-	5	5	5	6	11	-	-	-	96	96	96	-	19	19
FINGER(S)	-	-	-	6	6	6	11	17	-	-	-	84	84	84	-	14	14
UPPER EXTREMITIES, NEC	-	-	-	4	4	4	5	9	-	-	-	55	55	55	-	14	14
BACK	-	1	-	2	3	3	1	4	-	6,000	-	31	6,031	6,031	-	16	2,010
CHEST	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
PELVIC REGION	-	-	-	2	2	2	-	2	-	-	-	60	60	60	-	30	30
SHOULDER(S)	-	-	-	3	3	3	1	4	-	-	-	13	13	13	-	4	4
TRUNK, NEC	-	-	-	1	1	1	-	1	-	-	-	32	32	32	-	32	32
THIGH	-	-	-	2	2	2	-	2	-	-	-	17	17	17	-	8	8
KNEE	-	-	-	5	5	5	2	7	-	-	-	83	83	83	-	17	17
ANKLE	-	-	-	2	2	2	-	2	-	-	-	34	34	34	-	17	17
FOOT	-	-	-	4	4	4	1	5	-	-	-	79	79	79	-	20	20
TOE(S)	-	-	-	3	3	3	-	3	-	-	-	53	53	53	-	18	18
LOWER EXTREMITIES, NEC	-	-	-	3	3	3	-	3	-	-	-	19	19	19	-	6	6
MULTIPLE PARTS OF BODY	1	-	-	11	11	12	2	14	6,000	-	-	764	764	6,764	-	69	564
TOTAL OR AVERAGE	1	1	-	69	70	71	59	130	6,000	6,000	-	1,619	7,619	13,619	-	23	192

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TABLE 19. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND PART OF BODY AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

ACCIDENT CLASSIFICATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY						PERMANENT		TEMPORARY					
		TOTAL	PARTIAL							TOTAL	PARTIAL						
FIRE:																	
HAND	-	-	-	1	1	1	1	2	-	-	-	11	11	11	-	11	11
TRUNK, NEC	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
LOWER EXTREMITIES, NEC	-	-	-	1	1	1	1	2	-	-	-	17	17	17	-	17	17
BODY SYSTEMS	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
MULTIPLE PARTS OF BODY	-	-	-	1	1	1	1	2	-	-	-	41	41	41	-	41	41
TOTAL OR AVERAGE	-	-	-	4	4	4	5	9	-	-	-	75	75	75	-	19	19
HANDLING MATERIAL:																	
EAR	-	-	-	-	-	-	5	5	-	-	-	-	-	-	-	-	-
EYE	-	-	-	15	15	15	18	33	-	-	-	41	41	41	-	3	3
JAW	-	-	-	2	2	2	1	3	-	-	-	31	31	31	-	16	16
MOUTH/TEETH/TONGUE	-	-	-	-	-	-	11	11	-	-	-	-	-	-	-	-	-
NOSE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
SCALP	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
SKULL	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
FACE, NEC	-	-	-	3	3	3	2	5	-	-	-	40	40	40	-	13	13
HEAD, NEC	-	-	-	6	6	6	11	17	-	-	-	89	89	89	-	15	15
NECK	-	-	-	4	4	4	1	5	-	-	-	39	39	39	-	10	10
UPPER ARM	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
ELBOW	-	-	-	7	7	7	3	10	-	-	-	113	113	113	-	16	16
FOREARM	-	-	-	4	4	4	10	14	-	-	-	36	36	36	-	9	9
WRIST	-	-	-	6	6	6	13	19	-	-	-	207	207	207	-	34	34
HAND	-	-	-	21	21	21	33	54	-	-	-	407	407	407	-	19	19
FINGER(S)	-	-	4	62	66	66	200	266	-	-	1,375	1,035	2,410	2,410	344	17	37
UPPER EXTREMITIES, NEC	-	-	-	3	3	3	3	6	-	-	-	26	26	26	-	9	9
ABDOMEN	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
BACK	-	-	-	159	159	159	28	187	-	-	-	4,635	4,635	4,635	-	29	29
CHEST	-	-	-	11	11	11	2	13	-	-	-	251	251	251	-	23	23
PELVIC REGION	-	-	14	15	29	29	2	31	-	-	700	351	1,051	1,051	50	23	36
SHOULDER(S)	-	-	-	21	21	21	4	25	-	-	-	536	536	536	-	26	26
TRUNK, NEC	-	-	-	2	2	2	2	4	-	-	-	249	249	249	-	124	124
THIGH	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
KNEE	-	-	-	28	28	28	3	31	-	-	-	999	999	999	-	36	36
LOWER LEG	-	-	-	2	2	2	2	4	-	-	-	45	45	45	-	22	22
ANKLE	-	-	-	10	10	10	1	11	-	-	-	307	307	307	-	31	31
FOOT	-	-	-	30	30	30	9	39	-	-	-	585	585	585	-	20	20
TOE(S)	-	-	-	14	14	14	11	25	-	-	-	172	172	172	-	12	12
LOWER EXTREMITIES, NEC	-	-	-	2	2	2	3	5	-	-	-	9	9	9	-	4	4
BODY SYSTEMS	-	-	-	1	1	1	3	4	-	-	-	3	3	3	-	3	3
MULTIPLE PARTS OF BODY	-	-	-	21	21	21	6	27	-	-	-	946	946	946	-	45	45
TOTAL OR AVERAGE	-	-	18	450	468	468	394	862	-	-	2,075	11,155	13,230	13,230	115	25	28

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TABLE 19. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND PART OF BODY AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

ACCIDENT CLASSIFICATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
HAND TOOLS:																	
EAR	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
EYE	-	-	-	6	6	6	16	22	-	-	-	12	12	12	-	2	2
JAW	-	-	-	2	2	2	7	9	-	-	-	72	72	72	-	36	36
MOUTH/TEETH/TONGUE	-	-	-	-	-	-	18	18	-	-	-	-	-	-	-	-	-
NOSE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
SCALP	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FACE, NEC	-	-	-	-	-	-	10	10	-	-	-	-	-	-	-	-	-
HEAD, NEC	-	-	-	1	1	1	16	17	-	-	-	1	1	1	-	1	1
NECK	-	-	-	1	1	1	-	1	-	-	-	11	11	11	-	11	11
UPPER ARM	-	-	-	2	2	2	1	3	-	-	-	32	32	32	-	16	16
ELBOW	-	-	-	4	4	4	6	10	-	-	-	37	37	37	-	9	9
FOREARM	-	-	-	4	4	4	9	13	-	-	-	156	156	156	-	39	39
WRIST	-	-	-	4	4	4	11	15	-	-	-	171	171	171	-	43	43
HAND	-	-	-	8	8	8	30	38	-	-	-	105	105	105	-	13	13
FINGER(S)	-	-	5	41	46	46	125	171	-	-	700	827	1,527	1,527	140	20	33
UPPER EXTREMITIES, NEC	-	-	-	2	2	2	6	8	-	-	-	58	58	58	-	29	29
ABDOMEN	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
BACK	-	-	-	36	36	36	4	40	-	-	-	987	987	987	-	27	27
CHEST	-	-	-	3	3	3	3	6	-	-	-	15	15	15	-	5	5
PELVIC REGION	-	-	4	2	6	6	-	6	-	-	200	80	280	280	50	40	47
SHOULDER(S)	-	-	-	6	6	6	2	8	-	-	-	117	117	117	-	20	20
TRUNK, NEC	-	-	-	2	2	2	-	2	-	-	-	7	7	7	-	4	4
THIGH	-	-	-	1	1	1	2	3	-	-	-	16	16	16	-	16	16
KNEE	-	-	-	10	10	10	2	12	-	-	-	215	215	215	-	22	22
LOWER LEG	-	-	-	5	5	5	4	9	-	-	-	56	56	56	-	11	11
ANKLE	-	-	-	5	5	5	1	6	-	-	-	297	297	297	-	59	59
FOOT	-	-	-	4	4	4	5	9	-	-	-	122	122	122	-	30	30
LOWER EXTREMITIES, NEC	-	-	-	4	4	4	5	9	-	-	-	68	68	68	-	17	17
MULTIPLE PARTS OF BODY	-	-	-	4	4	4	2	6	-	-	-	244	244	244	-	61	61
TOTAL OR AVERAGE	-	-	9	157	166	166	289	455	-	-	900	3,706	4,606	4,606	100	24	28
NONPOWERED HAULAGE:																	
NECK	-	-	-	1	1	1	-	1	-	-	-	48	48	48	-	48	48
FINGER(S)	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
BACK	-	-	-	4	4	4	-	4	-	-	-	45	45	45	-	11	11
SHOULDER(S)	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
MULTIPLE PARTS OF BODY	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
TOTAL OR AVERAGE	1	-	-	6	6	7	2	9	6,000	-	-	96	96	6,096	-	16	871

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TABLE 19. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND PART OF BODY AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

ACCIDENT CLASSIFICATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
POWERED HAULAGE:																	
EAR	-	-	-	1	1	1	-	1	-	-	-	148	148	148	-	148	148
EYE	-	-	-	6	6	6	4	10	-	-	-	15	15	15	-	2	2
JAW	-	-	-	1	1	1	1	2	-	-	-	26	26	26	-	26	26
MOUTH/TEETH/TONGUE	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
NOSE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FACE, NEC	-	-	-	1	1	1	-	1	-	-	-	171	171	171	-	171	171
HEAD, NEC	-	-	-	6	6	6	7	13	-	-	-	51	51	51	-	8	8
NECK	-	-	-	7	7	7	2	9	-	-	-	47	47	47	-	7	7
ELBOW	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
FOREARM	-	-	-	3	3	3	1	4	-	-	-	112	112	112	-	37	37
WRIST	-	-	-	2	2	2	1	3	-	-	-	171	171	171	-	86	86
HAND	-	-	-	6	6	6	1	7	-	-	-	134	134	134	-	22	22
FINGER(S)	-	-	2	5	7	7	10	17	-	-	-	135	875	875	370	27	125
UPPER EXTREMITIES, NEC	-	-	-	5	5	5	1	6	-	-	-	84	84	84	-	17	17
ABDOMEN	-	-	-	2	2	2	-	2	-	-	-	100	100	100	-	50	50
BACK	-	-	-	20	20	20	3	23	-	-	-	504	504	504	-	25	25
CHEST	1	-	1	3	4	5	4	9	6,000	-	300	90	390	6,390	300	30	1,278
PELVIC REGION	-	-	1	4	5	5	-	5	-	-	50	107	157	157	50	27	31
SHOULDER(S)	-	-	-	4	4	4	-	4	-	-	-	79	79	79	-	20	20
TRUNK, NEC	-	-	-	5	5	5	-	5	-	-	-	237	237	237	-	47	47
THIGH	-	-	-	1	1	1	-	1	-	-	-	8	8	8	-	8	8
KNEE	-	-	-	5	5	5	1	6	-	-	-	129	129	129	-	26	26
LOWER LEG	-	-	-	2	2	2	2	4	-	-	-	37	37	37	-	18	18
ANKLE	-	-	-	6	6	6	1	7	-	-	-	175	175	175	-	29	29
FOOT	-	-	-	7	7	7	1	8	-	-	-	220	220	220	-	31	31
TOE(S)	-	-	1	2	3	3	-	3	-	-	600	57	657	657	600	28	219
LOWER EXTREMITIES, NEC	-	-	-	3	3	3	1	4	-	-	-	68	68	68	-	23	23
BODY SYSTEMS	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MULTIPLE PARTS OF BODY	6	-	-	10	10	16	2	18	36,000	-	-	958	958	36,958	-	96	2,310
TOTAL OR AVERAGE	7	-	5	117	122	129	49	178	42,000	-	1,690	3,863	5,553	47,553	338	33	369
HOISTING:																	
BACK	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1
LOWER EXTREMITIES, NEC	-	-	-	1	1	1	-	1	-	-	-	21	21	21	-	21	21
MULTIPLE PARTS OF BODY	1	-	-	2	2	3	-	3	6,000	-	-	284	284	6,284	-	142	2,095
TOTAL OR AVERAGE	1	-	-	4	4	5	1	6	6,000	-	-	306	306	6,306	-	76	1,261
IGNITION OR EXPLOSION OF GAS OR DUST:																	
FACE, NEC	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
HEAD, NEC	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
MULTIPLE PARTS OF BODY	-	-	-	1	1	1	-	1	-	-	-	19	19	19	-	19	19
TOTAL OR AVERAGE	-	-	-	3	3	3	-	3	-	-	-	26	26	26	-	9	9
INUNDATION:																	
TRUNK, NEC	-	-	-	1	1	1	-	1	-	-	-	27	27	27	-	27	27
TOTAL OR AVERAGE	-	-	-	1	1	1	-	1	-	-	-	27	27	27	-	27	27

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TABLE 19. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND PART OF BODY AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

ACCIDENT CLASSIFICATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
MACHINERY:																	
EAR	-	-	-	1	1	1	2	3	-	-	-	1	1	1	-	1	1
EYE	-	-	-	14	14	14	25	39	-	-	-	41	41	41	-	3	3
JAW	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MOUTH/TEETH/TONGUE	-	-	-	-	-	-	9	9	-	-	-	-	-	-	-	-	-
NOSE	-	-	-	1	1	1	4	5	-	-	-	3	3	3	-	3	3
SCALP	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FACE, NEC	-	-	-	2	2	2	3	5	-	-	-	11	11	11	-	6	6
HEAD, NEC	-	-	-	4	4	4	5	9	-	-	-	54	54	54	-	14	14
NECK	-	-	-	3	3	3	3	6	-	-	-	99	99	99	-	33	33
UPPER ARM	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
ELBOW	-	-	-	3	3	3	-	3	-	-	-	34	34	34	-	11	11
FOREARM	-	-	-	8	8	8	4	12	-	-	-	240	240	240	-	30	30
WRIST	-	-	-	12	12	12	8	20	-	-	-	469	469	469	-	39	39
HAND	-	-	-	10	10	10	20	30	-	-	-	190	190	190	-	19	19
FINGER(S)	-	-	3	33	36	36	61	97	-	-	2,430	1,088	3,518	3,518	810	33	98
UPPER EXTREMITIES, NEC	-	-	-	4	4	4	5	9	-	-	-	41	41	41	-	10	10
ABDOMEN	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
BACK	-	-	-	18	18	18	2	20	-	-	-	593	593	593	-	33	33
CHEST	-	-	-	7	7	7	2	9	-	-	-	147	147	147	-	21	21
PELVIC REGION	-	-	-	3	3	3	-	3	-	-	-	154	154	154	-	51	51
SHOULDER(S)	-	-	-	5	5	5	-	5	-	-	-	149	149	149	-	30	30
TRUNK, NEC	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
THIGH	-	-	-	1	1	1	1	2	-	-	-	12	12	12	-	12	12
KNEE	-	-	-	4	4	4	3	7	-	-	-	181	181	181	-	45	45
LOWER LEG	-	-	-	5	5	5	3	8	-	-	-	141	141	141	-	28	28
ANKLE	-	-	-	2	2	2	1	3	-	-	-	118	118	118	-	59	59
FOOT	-	-	-	18	18	18	4	22	-	-	-	403	403	403	-	22	22
TOE(S)	-	-	-	2	2	2	2	4	-	-	-	34	34	34	-	17	17
LOWER EXTREMITIES, NEC	-	-	-	5	5	5	3	8	-	-	-	43	43	43	-	9	9
BODY SYSTEMS	-	-	-	7	7	7	-	7	-	-	-	289	289	289	-	41	41
MULTIPLE PARTS OF BODY	1	-	-	19	19	20	9	29	6,000	-	-	2,165	2,165	8,165	-	114	408
TOTAL OR AVERAGE	1	-	3	194	197	198	181	379	6,000	-	2,430	6,710	9,140	15,140	810	35	76

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TABLE 19. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND PART OF BODY AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

ACCIDENT CLASSIFICATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
SLIPS OR FALLS OF PERSONS:																	
EAR	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
EYE	-	-	-	3	3	3	2	5	-	-	-	31	31	31	-	10	10
JAW	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
MOUTH/TEETH/TONGUE	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1
SCALP	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
HEAD, NEC	-	-	1	2	3	3	4	7	-	-	1,500	120	1,620	1,620	1,500	60	540
NECK	-	-	-	8	8	8	-	8	-	-	-	87	87	87	-	11	11
UPPER ARM	-	-	-	1	1	1	-	1	-	-	-	55	55	55	-	55	55
ELBOW	-	-	-	8	8	8	10	18	-	-	-	307	307	307	-	38	38
FOREARM	-	-	-	3	3	3	4	7	-	-	-	241	241	241	-	80	80
WRIST	-	-	-	14	14	14	4	18	-	-	-	403	403	403	-	29	29
HAND	-	-	-	4	4	4	6	10	-	-	-	44	44	44	-	11	11
FINGER(S)	-	-	-	7	7	7	13	20	-	-	-	173	173	173	-	25	25
UPPER EXTREMITIES, NEC	-	-	-	3	3	3	7	10	-	-	-	224	224	224	-	75	75
ABDOMEN	-	-	-	1	1	1	-	1	-	-	-	21	21	21	-	21	21
BACK	-	-	-	75	75	75	13	88	-	-	-	1,398	1,398	1,398	-	19	19
CHEST	-	-	-	20	20	20	9	29	-	-	-	302	302	302	-	15	15
PELVIC REGION	-	-	-	15	15	15	2	17	-	-	-	376	376	376	-	25	25
SHOULDER(S)	-	-	-	25	25	25	-	25	-	-	-	591	591	591	-	24	24
TRUNK, NEC	-	-	-	2	2	2	1	3	-	-	-	64	64	64	-	32	32
THIGH	-	-	-	4	4	4	1	5	-	-	-	65	65	65	-	16	16
KNEE	-	-	-	66	66	66	15	81	-	-	-	2,377	2,377	2,377	-	36	36
LOWER LEG	-	-	-	8	8	8	7	15	-	-	-	314	314	314	-	39	39
ANKLE	-	-	-	47	47	47	5	52	-	-	-	893	893	893	-	19	19
FOOT	-	-	-	17	17	17	6	23	-	-	-	405	405	405	-	24	24
TOE(S)	-	-	-	3	3	3	1	4	-	-	-	71	71	71	-	24	24
LOWER EXTREMITIES, NEC	-	-	-	5	5	5	4	9	-	-	-	156	156	156	-	31	31
MULTIPLE PARTS OF BODY	1	-	-	29	29	30	10	40	6,000	-	-	2,133	2,133	8,133	-	74	271
UNCLASSIFIED	-	-	-	1	1	1	-	1	-	-	-	8	8	8	-	8	8
TOTAL OR AVERAGE	1	-	1	372	373	374	131	505	6,000	-	1,500	10,860	12,360	18,360	1,500	29	49
STEPPING OR KNEELING ON OBJECT:																	
WRIST	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FINGER(S)	-	-	-	1	1	1	-	1	-	-	-	43	43	43	-	43	43
BACK	-	-	-	1	1	1	-	1	-	-	-	23	23	23	-	23	23
CHEST	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
KNEE	-	-	-	12	12	12	-	12	-	-	-	180	180	180	-	15	15
ANKLE	-	-	-	28	28	28	3	31	-	-	-	432	432	432	-	15	15
FOOT	-	-	-	13	13	13	1	14	-	-	-	71	71	71	-	5	5
TOTAL OR AVERAGE	-	-	-	55	55	55	6	61	-	-	-	749	749	749	-	14	14

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TABLE 19. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND PART OF BODY AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

ACCIDENT CLASSIFICATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
STRIKING OR BUMPING:																	
EYE	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
MOUTH/TEETH/TONGUE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
SCALP	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HEAD, NEC	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
NECK	-	-	-	5	5	5	2	7	-	-	-	155	155	155	-	31	31
ELBOW	-	-	-	1	1	1	2	3	-	-	-	201	201	201	-	201	201
CHEST	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
THIGH	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
KNEE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FOOT	-	-	-	2	2	2	-	2	-	-	-	76	76	76	-	38	38
TOE(S)	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
LOWER EXTREMITIES, NEC	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	9	9	9	13	22	-	-	-	434	434	434	-	48	48
OTHER INJURIES:																	
EYE	-	-	-	3	3	3	7	10	-	-	-	8	8	8	-	3	3
NECK	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
UPPER ARM	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
WRIST	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
UPPER EXTREMITIES, NEC	-	-	-	1	1	1	-	1	-	-	-	32	32	32	-	32	32
BACK	-	-	-	5	5	5	-	5	-	-	-	128	128	128	-	26	26
CHEST	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
PELVIC REGION	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
SHOULDER(S)	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
KNEE	-	-	-	4	4	4	-	4	-	-	-	34	34	34	-	8	8
LOWER LEG	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
FOOT	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
LOWER EXTREMITIES, NEC	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
BODY SYSTEMS	-	-	-	1	1	1	1	2	-	-	-	5	5	5	-	5	5
MULTIPLE PARTS OF BODY	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	21	21	21	11	32	-	-	-	236	236	236	-	11	11

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TABLE 19. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND PART OF BODY AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

ACCIDENT CLASSIFICATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
TOTAL OR AVERAGE:																	
EAR	-	-	-	3	3	3	11	14	-	-	-	164	164	164	-	55	55
EYE	-	-	-	53	53	53	75	128	-	-	-	158	158	158	-	3	3
JAW	-	-	-	6	6	6	14	20	-	-	-	138	138	138	-	23	23
MOUTH/TEETH/TONGUE	-	-	-	2	2	2	44	46	-	-	-	17	17	17	-	8	8
NOSE	-	-	-	1	1	1	10	11	-	-	-	3	3	3	-	3	3
SCALP	-	-	-	-	-	-	9	9	-	-	-	-	-	-	-	-	-
SKULL	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
FACE, NEC	-	-	-	11	11	11	19	30	-	-	-	235	235	235	-	21	21
HEAD, NEC	-	-	1	24	25	25	55	80	-	-	1,500	346	1,846	1,846	1,500	14	74
NECK	-	-	-	31	31	31	9	40	-	-	-	585	585	585	-	19	19
UPPER ARM	-	-	-	5	5	5	2	7	-	-	-	94	94	94	-	19	19
ELBOW	-	-	-	26	26	26	27	53	-	-	-	703	703	703	-	27	27
FOREARM	-	-	-	25	25	25	36	61	-	-	-	822	822	822	-	33	33
WRIST	-	-	-	43	43	43	39	82	-	-	-	1,533	1,533	1 533	-	36	36
HAND	-	-	-	58	58	58	100	158	-	-	-	991	991	991	-	17	17
FINGER(S)	-	-	14	156	170	170	428	598	-	-	5,245	3,387	8,632	8,632	375	22	51
UPPER EXTREMITIES, NEC	-	-	-	22	22	22	27	49	-	-	-	520	520	520	-	24	24
ABDOMEN	-	-	-	5	5	5	1	6	-	-	-	125	125	125	-	25	25
BACK	-	1	-	321	322	322	52	374	-	6,000	-	8,345	14,345	14,345	-	26	45
CHEST	1	-	1	45	46	47	23	70	6,000	-	300	810	1,110	7,110	300	18	151
PELVIC REGION	-	-	19	43	62	62	5	67	-	-	950	1,137	2,087	2,087	50	26	34
SHOULDER(S)	-	-	-	69	69	69	7	76	-	-	-	1,551	1,551	1,551	-	22	22
TRUNK, NEC	-	-	-	18	18	18	3	21	-	-	-	685	685	685	-	38	38
THIGH	-	-	-	11	11	11	6	17	-	-	-	134	134	134	-	12	12
KNEE	-	-	-	136	136	136	27	163	-	-	-	4,236	4,236	4,236	-	31	31
LOWER LEG	-	-	-	25	25	25	18	43	-	-	-	717	717	717	-	29	29
ANKLE	-	-	-	103	103	103	12	115	-	-	-	2,304	2,304	2,304	-	22	22
FOOT	-	-	-	101	101	101	27	128	-	-	-	2,087	2,087	2,087	-	21	21
TOE(S)	-	-	1	26	27	27	15	42	-	-	600	450	1,050	1,050	600	17	39
LOWER EXTREMITIES, NEC	-	-	-	27	27	27	18	45	-	-	-	474	474	474	-	18	18
BODY SYSTEMS	2	-	-	13	13	15	7	22	12,000	-	-	310	310	12,310	-	24	821
MULTIPLE PARTS OF BODY	11	-	-	113	113	124	34	158	66,000	-	-	8,298	8,298	74,298	-	73	599
UNCLASSIFIED	-	-	-	1	1	1	-	1	-	-	-	8	8	8	-	8	8
TOTAL OR AVERAGE	14	1	36	1,523	1,560	1,574	1,162	2,736	84,000	6,000	8,595	41,367	55,962	139,962	239	27	89

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TABLE 20. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND NATURE OF INJURY AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983

ACCIDENT CLASSIFICATION AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
ELECTRICAL:																	
ELECTRIC SHOCK	2	-	-	2	2	4	-	4	12,000	-	-	7	7	12,007	-	4	3,002
ELECT. BURN (CONTACT)	-	-	-	1	1	1	1	2	-	-	-	133	133	133	-	133	133
RADIATION/ULTRA VIOLET	-	-	-	7	7	7	2	9	-	-	-	132	132	132	-	19	19
TOTAL OR AVERAGE	2	-	-	10	10	12	3	15	12,000	-	-	272	272	12,272	-	27	1,023
EXPLODING VESSELS UNDER PRESSURE:																	
CHEMICAL BURN	-	-	-	2	2	2	-	2	-	-	-	40	40	40	-	20	20
CUT OR PUNCTURE	-	-	-	1	1	1	2	3	-	-	-	2	2	2	-	2	2
FRACTURE	-	-	-	1	1	1	-	1	-	-	-	33	33	33	-	33	33
HEARING IMPAIRMENT	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
POISONING (SYSTEMIC)	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
SCRATCH/ABRASION	-	-	-	2	2	2	-	2	-	-	-	5	5	5	-	2	2
MULTIPLE INJURIES	-	-	-	1	1	1	-	1	-	-	-	55	55	55	-	55	55
UNCLASSIFIED (NO DATA)	-	-	-	1	1	1	-	1	-	-	-	15	15	15	-	15	15
TOTAL OR AVERAGE	-	-	-	9	9	9	3	12	-	-	-	151	151	151	-	17	17
EXPLOSIVES AND BREAKING AGENTS:																	
CUT OR PUNCTURE	-	-	-	3	3	3	-	3	-	-	-	24	24	24	-	8	8
POISONING (SYSTEMIC)	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
MULTIPLE INJURIES	-	-	-	2	2	2	-	2	-	-	-	30	30	30	-	15	15
TOTAL OR AVERAGE	-	-	-	6	6	6	-	6	-	-	-	59	59	59	-	10	10
FALLING, ROLLING, OR SLIDING MATERIAL:																	
CHEMICAL BURN	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1
CONTUSION OR BRUISE	-	-	-	2	2	2	1	3	-	-	-	7	7	7	-	4	4
CUT OR PUNCTURE	-	-	-	-	-	-	4	4	-	-	-	-	-	-	-	-	-
DUST IN EYE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FRACTURE	-	-	-	1	1	1	1	2	-	-	-	38	38	38	-	38	38
MULTIPLE INJURIES	-	-	-	2	2	2	1	3	-	-	-	69	69	69	-	34	34
TOTAL OR AVERAGE	-	-	-	6	6	6	9	15	-	-	-	115	115	115	-	19	19
FALL OF FACE, RIB, SIDE OR HIGHWALL:																	
CONTUSION OR BRUISE	-	-	-	6	6	6	-	6	-	-	-	26	26	26	-	4	4
CUT OR PUNCTURE	-	-	-	9	9	9	6	15	-	-	-	67	67	67	-	7	7
FRACTURE	-	-	-	9	9	9	-	9	-	-	-	425	425	425	-	47	47
STRAIN/SPRAIN	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
MULTIPLE INJURIES	-	-	-	4	4	4	-	4	-	-	-	355	355	355	-	89	89
UNCLASSIFIED (NO DATA)	-	-	-	1	1	1	-	1	-	-	-	32	32	32	-	32	32
TOTAL OR AVERAGE	-	-	-	30	30	30	6	36	-	-	-	908	908	908	-	30	30

TABLE 20. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND NATURE OF INJURY AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

ACCIDENT CLASSIFICATION AND NATURE OF INJURY	NUMBER OF INJURIES							LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL				PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL						TOTAL	PARTIAL						
FALL OF ROOF (UNDERGROUND MINES ONLY):																
CONTUSION OR BRUISE	1	-	-	20	20	21	3	24	6,000	-	-	225	225	6,225	-	11	296
CUT OR PUNCTURE	-	-	-	16	16	16	51	67	-	-	-	148	148	148	-	9	9
DISLOCATION	-	-	-	1	1	1	-	1	-	-	-	48	48	48	-	48	48
FRACTURE	-	1	-	10	11	11	-	11	-	6,000	-	484	6,484	6,484	-	48	589
STRAIN/SPRAIN	-	-	-	2	2	2	-	2	-	-	-	23	23	23	-	12	12
MULTIPLE INJURIES	-	-	-	20	20	20	5	25	-	-	-	691	691	691	-	35	35
TOTAL OR AVERAGE	1	1	-	69	70	71	59	130	6,000	6,000	-	1,619	7,619	13,619	-	22	192
FIRE:																
ASPHYXIATION/DROWNING	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-
BURN/SCALD (NOT CHEM.)	-	-	-	4	4	4	2	6	-	-	-	75	75	75	-	19	19
SCRATCH/ABRASION	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	4	4	4	5	9	-	-	-	75	75	75	-	19	19
HANDLING MATERIAL:																
AMPUTATION/ENUCLEATION	-	-	4	-	4	4	-	4	-	-	1,375	-	1,375	1,375	344	-	344
BURN/SCALD (NOT CHEM.)	-	-	-	3	3	3	4	7	-	-	-	41	41	41	-	14	14
CHEMICAL BURN	-	-	-	20	20	20	12	32	-	-	-	234	234	234	-	12	12
CONCUSSION (CEREBRAL)	-	-	-	2	2	2	-	2	-	-	-	24	24	24	-	12	12
CONTUSION OR BRUISE	-	-	-	43	43	43	21	64	-	-	-	934	934	934	-	22	22
CUT OR PUNCTURE	-	-	-	40	40	40	204	244	-	-	-	592	592	592	-	15	15
DISLOCATION	-	-	-	4	4	4	-	4	-	-	-	119	119	119	-	30	30
DUST IN EYE	-	-	-	-	-	-	4	4	-	-	-	-	-	-	-	-	-
FRACTURE	-	-	-	61	61	61	62	123	-	-	-	1,646	1,646	1,646	-	27	27
HEAT/SUNSTROKE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HERNIA (NOT DISC)	-	-	14	3	17	17	-	17	-	-	700	112	812	812	50	37	48
POISONING (SYSTEMIC)	-	-	-	1	1	1	2	3	-	-	-	3	3	3	-	3	3
SCRATCH/ABRASION	-	-	-	4	4	4	1	5	-	-	-	9	9	9	-	2	2
STRAIN/SPRAIN	-	-	-	213	213	213	40	253	-	-	-	5,645	5,645	5,645	-	27	27
MULTIPLE INJURIES	-	-	-	40	40	40	34	74	-	-	-	1,042	1,042	1,042	-	26	26
OTHER INJURY, NEC	-	-	-	4	4	4	3	7	-	-	-	277	277	277	-	69	69
UNCLASSIFIED (NO DATA)	-	-	-	12	12	12	6	18	-	-	-	477	477	477	-	40	40
TOTAL OR AVERAGE	-	-	18	450	468	468	394	862	-	-	2,075	11,155	13,230	13,230	115	25	28

TABLE 20. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND NATURE OF INJURY AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

ACCIDENT CLASSIFICATION AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
HAND TOOLS:																	
AMPUTATION/ENUCLEATION	-	-	5	-	5	5	-	5	-	-	700	-	700	700	140	-	140
BURN/SCALD (NOT CHEM.)	-	-	-	3	3	3	1	4	-	-	-	31	31	31	-	10	10
CHEMICAL BURN	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CONTUSION OR BRUISE	-	-	-	26	26	26	16	42	-	-	-	552	552	552	-	21	21
CUT OR PUNCTURE	-	-	-	26	26	26	184	210	-	-	-	413	413	413	-	16	16
DISLOCATION	-	-	-	1	1	1	1	2	-	-	-	5	5	5	-	5	5
DUST IN EYE	-	-	-	3	3	3	8	11	-	-	-	4	4	4	-	1	1
FRACTURE	-	-	-	26	26	26	37	63	-	-	-	707	707	707	-	27	27
HERNIA (NOT DISC)	-	-	4	1	5	5	-	5	-	-	200	46	246	246	50	46	49
SCRATCH/ABRASION	-	-	-	1	1	1	4	5	-	-	-	4	4	4	-	4	4
STRAIN/SPRAIN	-	-	-	47	47	47	6	53	-	-	-	1,156	1,156	1,156	-	25	25
MULTIPLE INJURIES	-	-	-	19	19	19	26	45	-	-	-	720	720	720	-	38	38
OTHER INJURY, NEC	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
UNCLASSIFIED (NO DATA)	-	-	-	4	4	4	4	8	-	-	-	68	68	68	-	17	17
TOTAL OR AVERAGE	-	-	9	157	166	166	289	455	-	-	900	3,706	4,606	4,606	100	24	28
NONPOWERED HAULAGE:																	
BURN/SCALD (NOT CHEM.)	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
CONTUSION OR BRUISE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CUT OR PUNCTURE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN	-	-	-	6	6	6	-	6	-	-	-	96	96	96	-	16	16
TOTAL OR AVERAGE	1	-	-	6	6	7	2	9	6,000	-	-	96	96	6,096	-	16	871
POWERED HAULAGE:																	
AMPUTATION/ENUCLEATION	-	-	2	-	2	2	-	2	-	-	900	-	900	900	450	-	450
ASPHYXIATION/DROWNING	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CHEMICAL BURN	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
CONCUSSION (CEREBRAL)	-	-	-	1	1	1	-	1	-	-	-	9	9	9	-	9	9
CONTUSION OR BRUISE	3	-	1	29	30	33	7	40	18,000	-	440	536	976	18,976	440	18	575
CUT OR PUNCTURE	-	-	-	9	9	9	18	27	-	-	-	430	430	430	-	48	48
DISLOCATION	-	-	-	2	2	2	-	2	-	-	-	74	74	74	-	37	37
DUST IN EYE	-	-	-	4	4	4	2	6	-	-	-	5	5	5	-	1	1
FRACTURE	-	-	-	21	21	21	6	27	-	-	-	1,547	1,547	1,547	-	74	74
HERNIA (NOT DISC)	-	-	1	-	1	1	-	1	-	-	50	-	50	50	50	-	50
STRAIN/SPRAIN	-	-	-	25	25	25	5	30	-	-	-	414	414	414	-	17	17
MULTIPLE INJURIES	4	-	1	21	22	26	9	35	24,000	-	300	732	1,032	25,032	300	35	963
OTHER INJURY, NEC	-	-	-	1	1	1	-	1	-	-	-	15	15	15	-	15	15
UNCLASSIFIED (NO DATA)	-	-	-	3	3	3	1	4	-	-	-	96	96	96	-	32	32
TOTAL OR AVERAGE	7	-	5	117	122	129	49	178	42,000	-	1,690	3,863	5,553	47,553	338	33	369
HOISTING:																	
CONTUSION OR BRUISE	-	-	-	-	-	-	1	1	-	-	-	22	22	22	-	11	11
MULTIPLE INJURIES	1	-	-	2	2	2	-	2	6,000	-	-	284	284	6,284	-	142	2,095
TOTAL OR AVERAGE	1	-	-	4	4	5	1	6	6,000	-	-	306	306	6,306	-	76	1,261

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TABLE 20. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND NATURE OF INJURY AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

ACCIDENT CLASSIFICATION AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS							AVERAGE SEVERITY		
	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL		PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY						PERMANENT		TEMPORARY						
		TOTAL	PARTIAL							TOTAL	PARTIAL							
IGNITION OR EXPLOSION OF GAS OR DUST:																		
BURN/SCALD (NOT CHEM.)	-	-	-	3	3	3	-	3	-	-	-	26	26	26		-	9	9
TOTAL OR AVERAGE	-	-	-	3	3	3	-	3	-	-	-	26	26	26		-	9	9
INUNDATION:																		
MULTIPLE INJURIES	-	-	-	1	1	1	-	1	-	-	-	27	27	27		-	27	27
TOTAL OR AVERAGE	-	-	-	1	1	1	-	1	-	-	-	27	27	27		-	27	27
MACHINERY:																		
AMPUTATION/ENUCLEATION	-	-	3	-	3	3	-	3	-	-	2,430	-	2,430	2,430		810	-	810
BURN/SCALD (NOT CHEM.)	-	-	-	9	9	9	9	18	-	-	-	429	429	429		-	43	48
CHEMICAL BURN	-	-	-	4	4	4	2	6	-	-	-	33	33	33		-	8	8
CONTUSION OR BRUISE	1	-	-	34	34	35	9	44	6,000	-	-	496	496	6,496		-	15	186
CUT OR PUNCTURE	-	-	-	30	30	30	96	126	-	-	-	404	404	404		-	13	13
DUST IN EYE	-	-	-	6	6	6	14	20	-	-	-	25	25	25		-	4	4
FRACTURE	-	-	-	37	37	37	21	58	-	-	-	1,721	1,721	1,721		-	47	47
POISONING (SYSTEMIC)	-	-	-	7	7	7	-	7	-	-	-	289	289	289		-	41	41
RADIATION/ULTRA VIOLET	-	-	-	2	2	2	3	5	-	-	-	4	4	4		-	2	2
SCRATCH/ABRASION	-	-	-	3	3	3	1	4	-	-	-	44	44	44		-	15	15
STRAIN/SPRAIN	-	-	-	24	24	24	3	27	-	-	-	782	782	782		-	33	33
MULTIPLE INJURIES	-	-	-	33	33	33	20	53	-	-	-	2,386	2,386	2,386		-	72	72
OTHER INJURY, NEC	-	-	-	-	-	-	1	1	-	-	-	-	-	-		-	-	-
UNCLASSIFIED (NO DATA)	-	-	-	5	5	5	2	7	-	-	-	97	97	97		-	19	19
TOTAL OR AVERAGE	1	-	3	194	197	198	181	379	6,000	-	2,430	6,710	9,140	15,140		810	35	76
SLIPS OR FALLS OF PERSONS:																		
BURN/SCALD (NOT CHEM.)	-	-	-	2	2	2	1	3	-	-	-	6	6	6		-	3	3
CHEMICAL BURN	-	-	-	2	2	2	2	4	-	-	-	42	42	42		-	21	21
CONCUSSION (CEREBRAL)	-	-	-	1	1	1	-	1	-	-	-	109	109	109		-	109	109
CONTUSION OR BRUISE	-	-	-	58	58	58	15	73	-	-	-	1,114	1,114	1,114		-	19	19
CUT OR PUNCTURE	-	-	-	13	13	13	58	71	-	-	-	157	157	157		-	12	12
DISLOCATION	-	-	-	8	8	8	1	9	-	-	-	274	274	274		-	34	34
FRACTURE	-	-	-	64	64	64	14	78	-	-	-	2,966	2,966	2,966		-	46	46
HERNIA (NOT DISC)	-	-	-	2	2	2	-	2	-	-	-	57	57	57		-	28	28
SCRATCH/ABRASION	-	-	-	1	1	1	-	1	-	-	-	1	1	1		-	1	1
STRAIN/SPRAIN	-	-	-	171	171	171	26	197	-	-	-	3,823	3,823	3,823		-	22	22
MULTIPLE INJURIES	1	-	1	31	32	33	11	44	6,000	-	1,500	1,628	3,128	9,128		1,500	53	277
OTHER INJURY, NEC	-	-	-	5	5	5	-	5	-	-	-	273	273	273		-	55	55
UNCLASSIFIED (NO DATA)	-	-	-	14	14	14	3	17	-	-	-	410	410	410		-	29	29
TOTAL OR AVERAGE	1	-	1	372	373	374	131	505	6,000	-	1,500	10,860	12,360	18,360		1,500	29	49

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TABLE 20. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND NATURE OF INJURY AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

ACCIDENT CLASSIFICATION AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
STEPPING OR KNEELING ON OBJECT:																	
CHEMICAL BURN	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
CONTUSION OR BRUISE	-	-	-	3	3	3	-	3	-	-	-	32	32	32	-	11	11
CUT OR PUNCTURE	-	-	-	8	8	8	2	10	-	-	-	51	51	51	-	6	6
FRACTURE	-	-	-	8	8	8	3	11	-	-	-	216	216	216	-	27	27
STRAIN/SPRAIN	-	-	-	34	34	34	1	35	-	-	-	444	444	444	-	13	13
MULTIPLE INJURIES	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
TOTAL OR AVERAGE	-	-	-	55	55	55	6	61	-	-	-	749	749	749	-	14	14
STRIKING OR BUMPING:																	
CONTUSION OR BRUISE	-	-	-	3	3	3	3	6	-	-	-	90	90	90	-	30	30
CUT OR PUNCTURE	-	-	-	1	1	1	8	9	-	-	-	2	2	2	-	2	2
FRACTURE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN	-	-	-	3	3	3	-	3	-	-	-	11	11	11	-	4	4
MULTIPLE INJURIES	-	-	-	1	1	1	-	1	-	-	-	201	201	201	-	201	201
UNCLASSIFIED (NO DATA)	-	-	-	1	1	1	1	2	-	-	-	130	130	130	-	130	130
TOTAL OR AVERAGE	-	-	-	9	9	9	13	22	-	-	-	434	434	434	-	48	48
OTHER INJURIES:																	
ASPHYXIATION/DROWNING	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
CHEMICAL BURN	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1
CONTUSION OR BRUISE	-	-	-	3	3	3	-	3	-	-	-	35	35	35	-	12	12
CUT OR PUNCTURE	-	-	-	1	1	1	3	4	-	-	-	1	1	1	-	1	1
DISLOCATION	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
DUST IN EYE	-	-	-	2	2	2	2	4	-	-	-	7	7	7	-	4	4
POISONING (SYSTEMIC)	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
SCRATCH/ABRASION	-	-	-	1	1	1	2	3	-	-	-	5	5	5	-	5	5
STRAIN/SPRAIN	-	-	-	9	9	9	1	10	-	-	-	77	77	77	-	9	9
OTHER INJURY, NEC	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
UNCLASSIFIED (NO DATA)	-	-	-	1	1	1	1	2	-	-	-	89	89	89	-	89	89
TOTAL OR AVERAGE	-	-	-	21	21	21	11	32	-	-	-	236	236	236	-	11	11

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TABLE 20. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND NATURE OF INJURY AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES 1983 (CONTINUED)

ACCIDENT CLASSIFICATION AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
TOTAL OR AVERAGE:																	
AMPUTATION/ENUCLEATION	-	-	14	-	14	14	-	14	-	-	5,405	-	5,405	5,405	386	-	386
ASPHYXIATION/DROWNING	-	-	-	1	1	1	3	4	-	-	-	5	5	5	-	5	5
BURN/SCALD (NOT CHEM.)	1	-	-	24	24	25	17	42	6,000	-	-	608	608	6,608	-	25	264
CHEMICAL BURN	-	-	-	32	32	32	19	51	-	-	-	361	361	361	-	11	11
CONCUSSION (CEREBRAL)	-	-	-	4	4	4	-	4	-	-	-	142	142	142	-	36	36
CONTUSION OR BRUISE	5	-	1	229	230	235	77	312	30,000	-	440	4,069	4,509	34,509	440	18	147
CUT OR PUNCTURE	-	-	-	157	157	157	637	794	-	-	-	2,291	2,291	2,291	-	15	15
DISLOCATION	-	-	-	17	17	17	2	19	-	-	-	530	530	530	-	31	31
DUST IN EYE	-	-	-	15	15	15	31	46	-	-	-	41	41	41	-	3	3
ELECTRIC SHOCK	2	-	-	2	2	4	-	4	12,000	-	-	7	7	12,007	-	4	3,002
ELECT. BURN (CONTACT)	-	-	-	1	1	1	1	2	-	-	-	133	133	133	-	133	133
FRACTURE	-	1	-	238	239	239	145	384	-	6,000	-	9,783	15,783	15,783	-	41	66
HEARING IMPAIRMENT	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HEAT/SUNSTROKE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HERNIA (NOT DISC)	-	-	19	6	25	25	-	25	-	-	950	215	1,165	1,165	50	36	47
POISONING (SYSTEMIC)	-	-	-	10	10	10	3	13	-	-	-	298	298	298	-	30	30
RADIATION/ULTRA VIOLET	-	-	-	9	9	9	5	14	-	-	-	136	136	136	-	15	15
SCRATCH/ABRASION	-	-	-	12	12	12	9	21	-	-	-	68	68	68	-	6	6
STRAIN/SPRAIN	-	-	-	535	535	535	82	617	-	-	-	12,474	12,474	12,474	-	23	23
MULTIPLE INJURIES	6	-	2	178	180	186	106	292	36,000	-	1,800	8,221	10,021	46,021	900	46	247
OTHER INJURY, NEC	-	-	-	11	11	11	5	16	-	-	-	571	571	571	-	52	52
UNCLASSIFIED (NO DATA)	-	-	-	42	42	42	18	60	-	-	-	1,414	1,414	1,414	-	34	34
TOTAL OR AVERAGE	14	1	36	1,523	1,560	1,574	1,162	2,736	84,000	6,000	8,595	41,367	55,962	139,962	239	27	89

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TABLE 21. - OCCURRENCES REPORTED TO MSHA AS OCCUPATIONAL ILLNESSES AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983

WORK LOCATION, MINERAL INDUSTRY AND STATE	SKIN DISEASES OR DISORDERS	DUST DISEASES OF THE LUNGS	RESPIRATORY CONDITIONS DUE TO TOXIC AGENTS	POISONING-SYSTEMIC EFFECTS OF TOXIC MATERIALS	DISORDERS DUE TO PHYSICAL AGENTS (NONTOXIC)	DISORDERS ASSOCIATED WITH REPEATED TRAUMA	ALL OTHER OCCUPATIONAL ILLNESSES	TOTAL OCCUPATIONAL ILLNESSES
UNDERGROUND MINES:								
UNDERGROUND:								
GOLD:								
SOUTH DAKOTA	-	-	-	-	-	2	-	2
TOTAL	-	-	-	-	-	2	-	2
LEAD-ZINC:								
COLORADO	-	-	-	1	-	-	-	1
NEW YORK	-	-	-	-	-	2	-	2
TOTAL	-	-	-	1	-	2	-	3
MOLYBDENUM:								
COLORADO	-	-	-	-	-	7	-	7
TOTAL	-	-	-	-	-	7	-	7
URANIUM:								
COLORADO	-	8	-	-	-	-	-	8
UTAH	-	3	-	-	-	-	-	3
TOTAL	-	11	-	-	-	-	-	11
TOTAL UNDERGROUND:								
GOLD:								
SOUTH DAKOTA	-	-	-	-	-	2	-	2
TOTAL	-	-	-	-	-	2	-	2
LEAD-ZINC:								
COLORADO	-	-	-	1	-	-	-	1
NEW YORK	-	-	-	-	-	2	-	2
TOTAL	-	-	-	1	-	2	-	3
MOLYBDENUM:								
COLORADO	-	-	-	-	-	7	-	7
TOTAL	-	-	-	-	-	7	-	7
URANIUM:								
COLORADO	-	8	-	-	-	-	-	8
UTAH	-	3	-	-	-	-	-	3
TOTAL	-	11	-	-	-	-	-	11

TABLE 21 - OCCURRENCES REPORTED TO MSHA AS OCCUPATIONAL ILLNESSES AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION, MINERAL INDUSTRY AND STATE	SKIN DISEASES OR DISORDERS	DUST DISEASES OF THE LUNGS	RESPIRATORY CONDITIONS DUE TO TOXIC AGENTS	POISONING--SYSTEMIC EFFECTS OF TOXIC MATERIALS	DISORDERS DUE TO PHYSICAL AGENTS (NONTOXIC)	DISORDERS ASSOCIATED WITH REPEATED TRAUMA	ALL OTHER OCCUPATIONAL ILLNESSES	TOTAL OCCUPATIONAL ILLNESSES
SURFACE MINES:								
STRIP:								
COPPER:								
ARIZONA	-	-	-	-	2	1	-	3
TOTAL	-	-	-	-	2	1	-	3
GOLD:								
ARIZONA	-	-	-	-	-	-	1	1
TOTAL	-	-	-	-	-	-	1	1
MOLYBDENUM:								
COLORADO	-	-	-	-	-	2	-	2
TOTAL	-	-	-	-	-	2	-	2
DREDGE:								
TITANIUM:								
FLORIDA	-	-	1	-	-	-	-	1
TOTAL	-	-	1	-	-	-	-	1
TOTAL SURFACE:								
COPPER:								
ARIZONA	-	-	-	-	2	1	-	3
TOTAL	-	-	-	-	2	1	-	3
GOLD:								
ARIZONA	-	-	-	-	-	-	1	1
TOTAL	-	-	-	-	-	-	1	1
MOLYBDENUM:								
COLORADO	-	-	-	-	-	2	-	2
TOTAL	-	-	-	-	-	2	-	2
TITANIUM:								
FLORIDA	-	-	1	-	-	-	-	1
TOTAL	-	-	1	-	-	-	-	1

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TABLE 21. - OCCURRENCES REPORTED TO MSHA AS OCCUPATIONAL ILLNESSES AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION, MINERAL INDUSTRY AND STATE	SKIN DISEASES OR DISORDERS	DUST DISEASES OF THE LUNGS	RESPIRATORY CONDITIONS DUE TO TOXIC AGENTS	POISONING-SYSTEMIC EFFECTS OF TOXIC MATERIALS	DISORDERS DUE TO PHYSICAL AGENTS (NONTOXIC)	DISORDERS ASSOCIATED WITH REPEATED TRAUMA	ALL OTHER OCCUPATIONAL ILLNESSES	TOTAL OCCUPATIONAL ILLNESSES
TOTAL MINING:								
COPPER:								
ARIZONA	-	-	-	-	2	1	-	3
TOTAL	-	-	-	-	2	1	-	3
GOLD:								
ARIZONA	-	-	-	-	-	-	1	1
SOUTH DAKOTA	-	-	-	-	-	2	-	2
TOTAL	-	-	-	-	-	2	1	3
LEAD-ZINC:								
COLORADO	-	-	-	1	-	-	-	1
NEW YORK	-	-	-	-	-	2	-	2
TOTAL	-	-	-	1	-	2	-	3
MOLYBDENUM:								
COLORADO	-	-	-	-	-	9	-	9
TOTAL	-	-	-	-	-	9	-	9
TITANIUM:								
FLORIDA	-	-	1	-	-	-	-	1
TOTAL	-	-	1	-	-	-	-	1
URANIUM:								
COLORADO	-	8	-	-	-	-	-	8
UTAH	-	3	-	-	-	-	-	3
TOTAL	-	11	-	-	-	-	-	11
PROCESSING PLANT:								
COPPER:								
ARIZONA	1	-	-	-	-	-	-	1
TOTAL	1	-	-	-	-	-	-	1
GOLD:								
ARIZONA	-	-	-	-	2	-	-	2
NEVADA	-	-	1	-	-	-	-	1
TOTAL	-	-	1	-	2	-	-	3
MOLYBDENUM:								
COLORADO	-	-	-	-	-	5	-	5
TOTAL	-	-	-	-	-	5	-	5
SILVER:								
IDAHO	-	-	-	1	-	-	-	1
NEVADA	-	-	-	1	-	-	-	1
TOTAL	-	-	-	2	-	-	-	2
URANIUM:								
TEXAS	1	-	-	-	1	-	-	2
TOTAL	1	-	-	-	1	-	-	2

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TABLE 21. - OCCURRENCES REPORTED TO MSHA AS OCCUPATIONAL ILLNESSES AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION, MINERAL INDUSTRY AND STATE	SKIN DISEASES OR DISORDERS	DUST DISEASES OF THE LUNGS	RESPIRATORY CONDITIONS DUE TO TOXIC AGENTS	POISONING-SYSTEMIC EFFECTS OF TOXIC MATERIALS	DISORDERS DUE TO PHYSICAL AGENTS (NONTOXIC)	DISORDERS ASSOCIATED WITH REPEATED TRAUMA	ALL OTHER OCCUPATIONAL ILLNESSES	TOTAL OCCUPATIONAL ILLNESSES
TOTAL, MINES AND PLANTS:								
COPPER:								
ARIZONA	1	-	-	-	2	1	-	4
TOTAL	1	-	-	-	2	1	-	4
GOLD:								
ARIZONA	-	-	-	-	2	-	1	3
NEVADA	-	-	1	-	-	-	-	1
SOUTH DAKOTA	-	-	-	-	-	2	-	2
TOTAL	-	-	1	-	2	2	1	6
LEAD-ZINC:								
COLORADO	-	-	-	1	-	-	-	1
NEW YORK	-	-	-	-	-	2	-	2
TOTAL	-	-	-	1	-	2	-	3
MOLYBDENUM:								
COLORADO	-	-	-	-	-	14	-	14
TOTAL	-	-	-	-	-	14	-	14
SILVER:								
IDAHO	-	-	-	1	-	-	-	1
NEVADA	-	-	-	1	-	-	-	1
TOTAL	-	-	-	2	-	-	-	2
TITANIUM:								
FLORIDA	-	-	1	-	-	-	-	1
TOTAL	-	-	1	-	-	-	-	1
URANIUM:								
COLORADO	-	8	-	-	-	-	-	8
TEXAS	1	-	-	-	1	-	-	2
UTAH	-	3	-	-	-	-	-	3
TOTAL	1	11	-	-	1	-	-	13

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TABLE 21. - OCCURRENCES REPORTED TO MSHA AS OCCUPATIONAL ILLNESSES AT METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION, MINERAL INDUSTRY AND STATE	SKIN DISEASES OR DISORDERS	DUST DISEASES OF THE LUNGS	RESPIRATORY CONDITIONS DUE TO TOXIC AGENTS	POISONING—SYSTEMIC EFFECTS OF TOXIC MATERIALS	DISORDERS DUE TO PHYSICAL AGENTS (NONTOXIC)	DISORDERS ASSOCIATED WITH REPEATED TRAUMA	ALL OTHER OCCUPATIONAL ILLNESSES	TOTAL OCCUPATIONAL ILLNESSES
GRAND TOTAL:								
COPPER:								
ARIZONA	1	-	-	-	2	1	-	4
TOTAL	1	-	-	-	2	1	-	4
GOLD:								
ARIZONA	-	-	-	-	2	-	1	3
NEVADA	-	-	1	-	-	-	-	1
SOUTH DAKOTA	-	-	-	-	-	2	-	2
TOTAL	-	-	1	-	2	2	1	6
LEAD-ZINC:								
COLORADO	-	-	-	1	-	-	-	1
NEW YORK	-	-	-	-	-	2	-	2
TOTAL	-	-	-	1	-	2	-	3
MOLYBDENUM:								
COLORADO	-	-	-	-	-	14	-	14
TOTAL	-	-	-	-	-	14	-	14
SILVER:								
IDAHO	-	-	-	1	-	-	-	1
NEVADA	-	-	-	1	-	-	-	1
TOTAL	-	-	-	2	-	-	-	2
TITANIUM:								
FLORIDA	-	-	1	-	-	-	-	1
TOTAL	-	-	1	-	-	-	-	1
URANIUM:								
COLORADO	-	8	-	-	-	-	-	8
TEXAS	1	-	-	-	1	-	-	2
UTAH	-	3	-	-	-	-	-	3
TOTAL	1	11	-	-	1	-	-	13

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TABLE 22. - RELATED NONCOAL MINING SUMMARY REFERENCE TABULATION, NUMBER OF INJURIES, INCIDENCE RATES, AVERAGE NUMBER OF WORKERS, AND EMPLOYEE-HOURS BY WORK LOCATION AND MINERAL INDUSTRY, 1983

(OPERATOR DATA)

WORK LOCATION AND MINERAL INDUSTRY	FATAL	FATAL INCIDENCE RATE	NFDL	NFDL INCIDENCE RATE	NDL	NDL INCIDENCE RATE	ALL OCCURRENCES	ALL INCIDENCE RATE	AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS REPORTED
UNDERGROUND MINES										
METAL	7	.06	690	6.38	512	4.73	1,209	11.17	12,670	21,639,602
NONMETAL	5	.10	255	5.31	122	2.54	382	7.96	5,034	9,598,047
STONE	-	-	78	4.72	17	1.03	95	5.75	1,768	3,306,677
TOTAL, UNDERGROUND MINES	12	.07	1,023	5.92	651	3.77	1,686	9.76	19,472	34,544,326
SURFACE MINES										
METAL	3	.02	332	2.73	205	1.69	540	4.44	12,737	24,322,770
NONMETAL	2	.03	153	2.21	85	1.23	240	3.47	7,616	13,821,842
STONE	10	.04	849	3.24	334	1.27	1,193	4.55	29,487	52,463,734
SUBTOTAL, SURFACE MINES	15	.03	1,334	2.94	624	1.38	1,973	4.36	49,840	90,608,346
SAND AND GRAVEL	15	.06	573	2.41	239	1.01	827	3.48	30,350	47,538,705
TOTAL, SURFACE MINES	30	.04	1,907	2.76	863	1.25	2,800	4.05	80,190	138,147,051
TOTAL, MINES	42	.05	2,930	3.39	1,514	1.75	4,486	5.20	99,662	172,691,377
MILLS										
METAL	4	.02	514	2.88	431	2.41	949	5.31	18,916	35,730,550
NONMETAL	1	.01	595	3.32	332	1.85	928	5.18	18,067	35,796,479
STONE	6	.02	1,106	3.15	605	1.72	1,717	4.89	35,640	70,168,956
TOTAL, MILLS	11	.02	2,215	3.13	1,368	1.93	3,594	5.07	72,623	141,695,985
INDEPENDENT SHOPS AND YARDS										
METAL	-	-	12	1.60	6	.80	18	2.40	760	1,497,871
NONMETAL	-	-	-	-	-	-	-	-	10	22,630
STONE	-	-	2	1.41	3	2.12	5	3.53	139	283,019
TOTAL, SHOPS AND YARDS	-	-	14	1.55	9	1.00	23	2.55	909	1,803,520
ALL MINES, MILLS AND SHOPS										
METAL	14	.03	1,548	3.72	1,154	2.77	2,716	6.53	45,083	83,190,793
NONMETAL	8	.03	1,003	3.39	539	1.82	1,550	5.23	30,727	59,238,998
STONE	16	.03	2,035	3.22	959	1.52	3,010	4.77	67,034	126,222,386
SUBTOTAL	38	.03	4,586	3.41	2,652	1.97	7,276	5.42	142,844	268,652,177
SAND AND GRAVEL	15	.06	573	2.41	239	1.01	827	3.48	30,350	47,538,705
TOTAL, MINES/MILLS/SHOPS	53	.03	5,159	3.26	2,891	1.83	8,103	5.13	173,194	316,190,882
OFFICEWORKERS										
METAL	-	-	12	.18	8	12	20	.30	6,946	13,282,409
NONMETAL	-	-	3	.06	5	.09	8	.15	5,882	10,335,475
STONE	-	-	10	.10	5	.05	15	.15	10,694	20,068,277
SAND AND GRAVEL	-	-	3	.08	2	.05	5	.13	5,244	7,613,469
TOTAL, OFFICEWORKERS	-	-	28	.11	20	.08	48	.19	28,766	51,799,630
SUMMARY TOTAL (INCLUDES OFFICE-WORKERS)										
METAL	14	.03	1,560	3.23	1,162	2.41	2,736	5.67	52,029	96,473,202
NONMETAL	8	.02	1,006	2.87	544	1.55	1,558	4.45	36,609	70,074,473
STONE	16	.02	2,045	2.80	964	1.32	3,025	4.14	77,728	146,290,663
SUBTOTAL	38	02	4,611	2.95	2,670	1.71	7,319	4.68	166,366	312,838,338
SAND AND GRAVEL	15	.05	576	2.09	241	.87	832	3.02	35,594	55,152,174
GRAND TOTAL	53	.03	5,187	2.82	2,911	1.58	8,151	4.43	201,960	367,990,512

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TABLE 23. - RELATED COAL MINING SUMMARY REFERENCE TABULATION, NUMBER OF INJURIES, INCIDENCE RATES, AVERAGE NUMBER OF WORKERS, EMPLOYEE-HOURS AND PRODUCTION BY TYPE OF COAL MINED AND WORK LOCATION, 1983

(OPERATOR DATA)

TYPE OF COAL AND WORK LOCATION	FATAL	FATAL INCIDENCE RATE	NFDL	NFDL INCIDENCE RATE	NDL	NDL INCIDENCE RATE	ALL OCCURRENCES	ALL INCIDENCE RATE	AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS REPORTED	PRODUCTION REPORTED (SHORT TONS)
BITUMINOUS COAL											
UNDERGROUND MINES											
UNDERGROUND	44	.06	6,602	8.58	1,362	1.77	8,008	10.40	88,561	153,945,160	291,720,829
SURFACE	7	.08	460	5.40	149	1.75	616	7.23	9,880	17,050,754	-
TOTAL, UNDERGROUND MINES	51	.06	7,062	8.26	1,511	1.77	8,624	10.09	98,441	170,995,914	291,720,829
SURFACE MINES											
STRIP MINES	11	.02	1,434	2.66	690	1.28	2,135	3.96	56,743	107,904,645	461,702,259
AUGER MINES	-	-	7	3.70	4	2.12	11	5.82	446	378,067	1,362,848
OTHER SURFACE MINES	-	-	6	4.32	1	.72	7	5.04	209	277,566	421,861
TOTAL, SURFACE MINES	11	.02	1,447	2.67	695	1.28	2,153	3.97	57,398	108,560,278	463,486,968
TOTAL, PRODUCTION MINING	62	.04	8,509	6.09	2,206	1.58	10,777	7.71	155,839	279,556,192	755,207,797
PREPARATION PLANTS	3	.02	603	3.95	206	1.35	812	5.32	16,485	30,554,596	-
INDEPENDENT SHOPS/YARDS	1	.04	66	2.91	20	.88	87	3.84	2,541	4,535,316	-
TOTAL, OTHER OPERATIONS	4	.02	669	3.81	226	1.29	899	5.12	19,026	35,089,912	-
TOTAL, BITUMINOUS MINING	66	.04	9,178	5.83	2,432	1.55	11,676	7.42	174,865	314,646,104	755,207,797
PENNSYLVANIA ANTHRACITE COAL											
UNDERGROUND MINES											
UNDERGROUND	-	-	23	8.17	-	-	23	8.17	479	563,168	421,549
SURFACE	-	-	-	-	-	-	-	-	95	100,113	-
TOTAL, UNDERGROUND MINES	-	-	23	6.94	-	-	23	6.94	574	663,281	421,549
SURFACE MINES											
STRIP MINES	1	.11	48	5.31	8	.88	57	6.30	1,133	1,808,340	2,437,805
CULM BANK	-	-	6	5.15	1	.86	7	6.00	184	233,166	971,143
DREDGE	-	-	-	-	-	-	-	-	12	17,068	4,787
TOTAL, SURFACE MINES	1	.10	54	5.25	9	.87	64	6.22	1,329	2,059,574	3,413,735
TOTAL, PRODUCTION MINING	1	.07	77	5.66	9	.66	87	6.39	1,903	2,721,855	3,835,284
PREPARATION PLANTS	-	-	51	7.27	2	.29	53	7.55	853	1,403,303	-
INDEPENDENT SHOPS/YARDS	-	-	5	14.68	-	-	5	14.68	52	68,121	-
TOTAL, OTHER OPERATIONS	-	-	56	7.61	2	.27	58	7.88	905	1,471,424	-
TOTAL, ANTHRACITE MINING	1	.05	133	6.34	11	.52	145	6.92	2,808	4,193,279	3,835,284
ALL COAL											
UNDERGROUND MINES											
UNDERGROUND	44	.06	6,625	8.58	1,362	1.76	8,031	10.40	89,040	154,508,328	292,142,378
SURFACE	7	.08	460	5.36	149	1.74	616	7.18	9,975	17,150,867	-
TOTAL, UNDERGROUND MINES	51	.06	7,085	8.25	1,511	1.76	8,647	10.07	99,015	171,659,195	292,142,378
SURFACE MINES											
STRIP MINES	12	.02	1,482	2.70	698	1.27	2,192	4.00	57,876	109,712,985	464,140,064
AUGER MINES	-	-	7	3.70	4	2.12	11	5.82	446	378,067	1,362,848
CULM BANK	-	-	10	5.11	2	1.02	12	6.13	304	391,523	1,211,457
DREDGE	-	-	2	2.94	-	-	2	2.94	101	136,277	186,334
TOTAL, SURFACE MINES	12	.02	1,501	2.71	704	1.27	2,217	4.01	58,727	110,618,852	466,900,703
TOTAL, PRODUCTION MINING	63	.04	8,586	6.08	2,215	1.57	10,864	7.70	157,742	282,278,047	759,043,081
PREPARATION PLANTS	3	.02	654	4.09	208	1.30	865	5.41	17,338	31,957,899	-
INDEPENDENT SHOPS/YARDS	1	.04	71	3.08	20	.87	92	4.00	2,593	4,603,437	-
TOTAL, OTHER OPERATIONS	4	.02	725	3.97	228	1.25	957	5.24	19,931	36,561,336	-
TOTAL, ALL COAL	67	.04	9,311	5.84	2,443	1.53	11,821	7.42	177,673	318,839,383	759,043,081
OFFICEWORKERS											
BITUMINOUS	-	-	14	.16	12	.13	26	.29	10,179	17,790,464	-
ANTHRACITE	-	-	1	.92	1	.92	2	1.83	121	218,525	-
TOTAL, OFFICEWORKERS	-	-	15	.17	13	.14	28	.31	10,300	18,008,989	-
GRAND TOTAL	67	.04	9,326	5.54	2,456	1.46	11,849	7.04	187,973	336,848,372	759,043,081

CONTRACTOR DATA

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TABLE REFERENCE GUIDE (CONTRACTOR DATA)

The following reference guide facilitates locating particular data elements contained in the annual statistical tables for contractors. The number appearing in each cell indicates the table number in which that particular element may be found. All elements listed under the stub headings appear as vertical headings in the tables. Elements listed under column headings appear as horizontal headings. The only exception to this is table 1, in which the headings have been reversed.

To use this guide, read down or across the elements listed in both the stub and column headings to determine which combinations are of interest. For example, lost workdays by work location appear in eight different tables, numbers 3, 7, 9, 11, 14, 16, 17, and 18. However, only one of these, table 11, provides a further division by nature of injury as well. The occupation of the injured is found in table 17 and, as seen in the column headings, provides the number of injuries, lost workdays, and average severity.

Although injuries and illnesses occurring to contractor employees are identifiable as to State in which they occurred or commodity mined, matching exposure hours are not available. Incidence rates for such employees are possible only at the national level for the various subunits and only for the coal industry as a whole and the noncoal industry as a whole. Consequently, certain tables have been entirely eliminated from the contractor portion of this report. The remaining tables are numbered to correspond with the comparable table in the operator portion of this report.

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REFERENCE GUIDE TO METALLIC STATISTICAL TABLES (CONTRACTOR DATA)

STUB HEADINGS / COLUMN HEADINGS	Number of injuries	Incidence rates *	Lost workdays	Average severity	Average number of workers *	Employee-hours worked *	Accident classification	Number of occupational illnesses	Coal production (short tons)
Prior year data with and without office 1/	1			1					
Work location	3		3	3					
	7		7	7					
	9		9	9					
	11		11	11					
	13						13		
			14				14		
	15						15		
			16				16		
	17		17	17					
	18		18	18					
								21	
	22	22			22	22			
	23	23			23	23			23
Type of mineral	7		7	7					
	15						15		
			16				16		
								21	
State	7		7	7					
	13						13		
			14				14		
								21	
Part of body injured	9		9	9					
	12		12	12					
	19		19	19					
Nature of injury	11		11	11					
	12		12	12					
	20		20	20					
Occupation at time of injury	17		17	17					
Accident classification	18		18	18					
	19		19	19					
	20		20	20					
Mineral industry	22	22			22	22			
Type of coal	23	23			23	23			23

1/ For table 1 only, the headings have been reversed to simplify this guide; that is, the data elements indicated in the column headings for this table actually appear as vertical headings.

* Contractor data appearing in Table 22 for the column headings denoted with an asterisk (*) in this guide are obtainable only for the noncoal industry as a whole and do not represent a particular mineral industry.

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TABLE 1.- GENERAL STATISTICS ON INJURY EXPERIENCE AND SEVERITY, AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983

	EXCLUDING OFFICEWORKERS					INCLUDING OFFICEWORKERS				
	1979	1980	1981	1982	1983	1979	1980	1981	1982	1983
NUMBER OF INJURIES:										
FATAL					5					5
NFDL					122					123
TOTAL LWD INJURIES					127					128
RDL					63					63
TOTAL INJURIES					190					191
AVERAGE SEVERITY:										
PERMANENT PARTIAL					59					59
TEMPORARY NFDL					26					26
ALL LWD INJURIES					310					307

NOTE NO DATA AVAILABLE PRIOR TO 1983

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TABLE 3. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983

WORK LOCATION	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
UNDERGROUND MINES:																	
UNDERGROUND	1	-	2	30	32	33	21	54	6,000	-	125	1,017	1,142	7,142	62	34	216
SURFACE AT UNDERGROUND	1	1	-	7	8	9	7	16	6,000	6,000	-	641	6,641	12,641	-	92	1,405
TOTAL OR AVERAGE	2	1	2	37	40	42	28	70	12,000	6,000	125	1,658	7,783	19,783	62	45	471
SURFACE MINES:																	
OPEN PIT	3	-	2	70	72	75	29	104	18,000	-	110	1,075	1,185	19,185	55	15	256
DREDGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER SURFACE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	3	-	2	70	72	75	29	104	18,000	-	110	1,075	1,185	19,185	55	15	256
TOTAL OR AVERAGE, MINING	5	1	4	107	112	117	57	174	30,000	6,000	235	2,733	8,968	38,968	59	26	333
INDEPENDENT SHOPS:																	
TOTAL OR AVERAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PROCESSING PLANTS:																	
TOTAL OR AVERAGE	-	-	-	10	10	10	6	16	-	-	-	362	362	362	-	36	36
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																	
TOTAL OR AVERAGE	5	1	4	117	122	127	63	190	30,000	6,000	235	3,095	9,330	39,330	59	26	310
OFFICE:																	
TOTAL OR AVERAGE	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14
GRAND TOTAL OR AVERAGE:																	
TOTAL OR AVERAGE	5	1	4	118	123	128	63	191	30,000	6,000	235	3,109	9,344	39,344	59	26	307

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TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
ALUMINUM ORE:																	
PROCESSING PLANTS:																	
VIRGIN ISLANDS	-	-	-	2	2	2	-	2	-	-	-	26	26	26	-	13	13
TOTAL OR AVERAGE	-	-	-	2	2	2	-	2	-	-	-	26	26	26	-	13	13
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																	
VIRGIN ISLANDS	-	-	-	2	2	2	-	2	-	-	-	26	26	26	-	13	13
TOTAL OR AVERAGE	-	-	-	2	2	2	-	2	-	-	-	26	26	26	-	13	13
GRAND TOTAL OR AVERAGE:																	
VIRGIN ISLANDS	-	-	-	2	2	2	-	2	-	-	-	26	26	26	-	13	13
TOTAL OR AVERAGE	-	-	-	2	2	2	-	2	-	-	-	26	26	26	-	13	13
COPPER:																	
UNDERGROUND MINES:																	
UNDERGROUND:																	
ARIZONA	-	-	-	2	2	2	-	2	-	-	-	30	30	30	-	15	15
NEW MEXICO	-	-	-	4	4	4	2	6	-	-	-	300	300	300	-	75	75
UTAH	-	-	1	4	5	5	2	7	-	-	75	338	413	413	75	84	83
TOTAL OR AVERAGE	-	-	1	10	11	11	4	15	-	-	75	668	743	743	75	67	68
SURFACE AT UNDERGROUND:																	
ARIZONA	-	-	-	1	1	1	-	1	-	-	-	176	176	176	-	176	176
UTAH	-	-	-	2	2	2	-	2	-	-	-	185	185	185	-	92	92
TOTAL OR AVERAGE	-	-	-	3	3	3	-	3	-	-	-	361	361	361	-	120	120
TOTAL OR AVERAGE, UG:																	
ARIZONA	-	-	-	3	3	3	-	3	-	-	-	206	206	206	-	69	69
NEW MEXICO	-	-	-	4	4	4	2	6	-	-	-	300	300	300	-	75	75
UTAH	-	-	1	6	7	7	2	9	-	-	75	523	598	598	75	87	85
TOTAL OR AVERAGE	-	-	1	13	14	14	4	18	-	-	75	1,029	1,104	1,104	75	79	79
SURFACE MINES:																	
OPEN PIT:																	
ARIZONA	-	-	1	16	17	17	1	18	-	-	60	201	261	261	60	13	15
NEW MEXICO	-	-	1	3	4	4	-	4	-	-	50	7	57	57	50	2	14
UTAH	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
TOTAL OR AVERAGE	1	-	2	19	21	22	1	23	6,000	-	110	208	318	6,318	55	11	287

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TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
COPPER--CONTINUED:																	
TOTAL OR AVERAGE, SURFACE:																	
ARIZONA	-	-	1	16	17	17	1	18	-	-	60	201	261	261	60	13	15
NEW MEXICO	-	-	1	3	4	4	-	4	-	-	50	7	57	57	50	2	14
UTAH	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
TOTAL OR AVERAGE	1	-	2	19	21	22	1	23	6,000	-	110	208	318	6,318	55	11	287
TOTAL OR AVERAGE, MINING:																	
ARIZONA	-	-	1	19	20	20	1	21	-	-	60	407	467	467	60	21	23
NEW MEXICO	-	-	1	7	8	8	2	10	-	-	50	307	357	357	50	44	45
UTAH	1	-	1	6	7	8	2	10	6,000	-	75	523	598	6,598	75	87	825
TOTAL OR AVERAGE	1	-	3	32	35	36	5	41	6,000	-	185	1,237	1,422	7,422	62	39	206
PROCESSING PLANTS:																	
ARIZONA	-	-	-	1	1	1	1	2	-	-	-	6	6	6	-	6	6
NEW MEXICO	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	1	1	1	4	5	-	-	-	6	6	6	-	6	6
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																	
ARIZONA	-	-	1	20	21	21	2	23	-	-	60	413	473	473	60	21	23
NEW MEXICO	-	-	1	7	8	8	5	13	-	-	50	307	357	357	50	44	45
UTAH	1	-	1	6	7	8	2	10	6,000	-	75	523	598	6,598	75	87	825
TOTAL OR AVERAGE	1	-	3	33	36	37	9	46	6,000	-	185	1,243	1,428	7,428	62	38	201
GRAND TOTAL OR AVERAGE:																	
ARIZONA	-	-	1	20	21	21	2	23	-	-	60	413	473	473	60	21	23
NEW MEXICO	-	-	1	7	8	8	5	13	-	-	50	307	357	357	50	44	45
UTAH	1	-	1	6	7	8	2	10	6,000	-	75	523	598	6,598	75	87	825
TOTAL OR AVERAGE	1	-	3	33	36	37	9	46	6,000	-	185	1,243	1,428	7,428	62	38	201
GOLD:																	
UNDERGROUND MINES:																	
UNDERGROUND:																	
CALIFORNIA	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
COLORADO	-	-	-	5	5	5	1	6	-	-	-	26	26	26	-	5	5
MONTANA	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
OREGON	-	-	-	1	1	1	-	1	-	-	-	7	7	7	-	7	7
WASHINGTON	-	-	-	1	1	1	4	5	-	-	-	44	44	44	-	44	44
TOTAL OR AVERAGE	-	-	-	8	8	8	7	15	-	-	-	78	78	78	-	10	10

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TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
GOLD-CONTINUED:																	
SURFACE AT UNDERGROUND:																	
CALIFORNIA	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
COLORADO	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE, UG:																	
CALIFORNIA	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
COLORADO	-	-	-	5	5	5	2	7	-	-	-	26	26	26	-	5	5
MONTANA	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
OREGON	-	-	-	1	1	1	-	1	-	-	-	7	7	7	-	7	7
WASHINGTON	-	-	-	1	1	1	4	5	-	-	-	44	44	44	-	44	44
TOTAL OR AVERAGE	-	-	-	8	8	8	9	17	-	-	-	78	78	78	-	10	10
SURFACE MINES:																	
OPEN PIT:																	
ALASKA	2	-	-	-	-	2	-	2	12,000	-	-	-	-	12,000	-	-	6,000
CALIFORNIA	-	-	-	2	2	2	-	2	-	-	-	38	38	38	-	19	19
IDAHO	-	-	-	3	3	3	1	4	-	-	-	32	32	32	-	11	11
MONTANA	-	-	-	5	5	5	-	5	-	-	-	171	171	171	-	34	34
NEVADA	-	-	-	5	5	5	10	15	-	-	-	124	124	124	-	25	25
NEW MEXICO	-	-	-	6	6	6	-	6	-	-	-	39	39	39	-	6	6
TOTAL OR AVERAGE	2	-	-	21	21	23	11	34	12,000	-	-	404	404	12,404	-	19	539
TOTAL OR AVERAGE, SURFACE:																	
ALASKA	2	-	-	-	-	2	-	2	12,000	-	-	-	-	12,000	-	-	6,000
CALIFORNIA	-	-	-	2	2	2	-	2	-	-	-	38	38	38	-	19	19
IDAHO	-	-	-	3	3	3	1	4	-	-	-	32	32	32	-	11	11
MONTANA	-	-	-	5	5	5	-	5	-	-	-	171	171	171	-	34	34
NEVADA	-	-	-	5	5	5	10	15	-	-	-	124	124	124	-	25	25
NEW MEXICO	-	-	-	6	6	6	-	6	-	-	-	39	39	39	-	6	6
TOTAL OR AVERAGE	2	-	-	21	21	23	11	34	12,000	-	-	404	404	12,404	-	19	539
TOTAL OR AVERAGE, MINING:																	
ALASKA	2	-	-	-	-	2	-	2	12,000	-	-	-	-	12,000	-	-	6,000
CALIFORNIA	-	-	-	2	2	2	3	5	-	-	-	38	38	38	-	19	19
COLORADO	-	-	-	5	5	5	2	7	-	-	-	26	26	26	-	5	5
IDAHO	-	-	-	3	3	3	1	4	-	-	-	32	32	32	-	11	11
MONTANA	-	-	-	6	6	6	-	6	-	-	-	172	172	172	-	29	29
NEVADA	-	-	-	5	5	5	10	15	-	-	-	124	124	124	-	25	25
NEW MEXICO	-	-	-	6	6	6	-	6	-	-	-	39	39	39	-	6	6
OREGON	-	-	-	1	1	1	-	1	-	-	-	7	7	7	-	7	7
WASHINGTON	-	-	-	1	1	1	4	5	-	-	-	44	44	44	-	44	44
TOTAL OR AVERAGE	2	-	-	29	29	31	20	51	12,000	-	-	482	482	12,482	-	17	403

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TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
GOLD-CONTINUED:																	
PROCESSING PLANTS:																	
MONTANA	-	-	-	1	1	1	-	1	-	-	-	59	59	59	-	59	59
TOTAL OR AVERAGE	-	-	-	1	1	1	-	1	-	-	-	59	59	59	-	59	59
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																	
ALASKA	2	-	-	-	-	2	-	2	12,000	-	-	-	-	12,000	-	-	6,000
CALIFORNIA	-	-	-	2	2	2	3	5	-	-	-	38	38	38	-	19	19
COLORADO	-	-	-	5	5	5	2	7	-	-	-	26	26	26	-	5	5
IDAHO	-	-	-	3	3	3	1	4	-	-	-	32	32	32	-	11	11
MONTANA	-	-	-	7	7	7	-	7	-	-	-	231	231	231	-	33	33
NEVADA	-	-	-	5	5	5	10	15	-	-	-	124	124	124	-	25	25
NEW MEXICO	-	-	-	6	6	6	-	6	-	-	-	39	39	39	-	6	6
OREGON	-	-	-	1	1	1	-	1	-	-	-	7	7	7	-	7	7
WASHINGTON	-	-	-	1	1	1	4	5	-	-	-	44	44	44	-	44	44
TOTAL OR AVERAGE	2	-	-	30	30	32	20	52	12,000	-	-	541	541	12,541	-	18	392
GRAND TOTAL OR AVERAGE:																	
ALASKA	2	-	-	-	-	2	-	2	12,000	-	-	-	-	12,000	-	-	6,000
CALIFORNIA	-	-	-	2	2	2	3	5	-	-	-	38	38	38	-	19	19
COLORADO	-	-	-	5	5	5	2	7	-	-	-	26	26	26	-	5	5
IDAHO	-	-	-	3	3	3	1	4	-	-	-	32	32	32	-	11	11
MONTANA	-	-	-	7	7	7	-	7	-	-	-	231	231	231	-	33	33
NEVADA	-	-	-	5	5	5	10	15	-	-	-	124	124	124	-	25	25
NEW MEXICO	-	-	-	6	6	6	-	6	-	-	-	39	39	39	-	6	6
OREGON	-	-	-	1	1	1	-	1	-	-	-	7	7	7	-	7	7
WASHINGTON	-	-	-	1	1	1	4	5	-	-	-	44	44	44	-	44	44
TOTAL OR AVERAGE	2	-	-	30	30	32	20	52	12,000	-	-	541	541	12,541	-	18	392
IRON:																	
SURFACE MINES:																	
OPEN PIT:																	
MINNESOTA	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE, SURFACE:																	
MINNESOTA	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-

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TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
IRON--CONTINUED:																	
TOTAL OR AVERAGE, MINING:																	
MINNESOTA	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
PROCESSING PLANTS:																	
MINNESOTA	-	-	-	2	2	2	1	3	-	-	-	166	166	166	-	83	83
TOTAL OR AVERAGE	-	-	-	2	2	2	1	3	-	-	-	166	166	166	-	83	83
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																	
MINNESOTA	-	-	-	2	2	2	2	4	-	-	-	166	166	166	-	83	83
TOTAL OR AVERAGE	-	-	-	2	2	2	2	4	-	-	-	166	166	166	-	83	83
GRAND TOTAL OR AVERAGE:																	
MINNESOTA	-	-	-	2	2	2	2	4	-	-	-	166	166	166	-	83	83
TOTAL OR AVERAGE	-	-	-	2	2	2	2	4	-	-	-	166	166	166	-	83	83
LEAD-ZINC:																	
UNDERGROUND MINES:																	
UNDERGROUND:																	
COLORADO	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
IDAHO	-	-	1	3	4	4	3	7	-	-	50	133	183	183	50	44	46
TOTAL OR AVERAGE	-	-	1	4	5	5	3	8	-	-	50	134	184	184	50	34	37
SURFACE AT UNDERGROUND:																	
IDAHO	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
MISSOURI	1	-	-	1	1	2	-	2	6,000	-	-	225	225	6,225	-	225	3,112
TOTAL OR AVERAGE	1	-	-	1	1	2	2	4	6,000	-	-	225	225	6,225	-	225	3,112
TOTAL OR AVERAGE, UG:																	
COLORADO	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
IDAHO	-	-	1	3	4	4	5	9	-	-	50	133	183	183	50	44	46
MISSOURI	1	-	-	1	1	2	-	2	6,000	-	-	225	225	6,225	-	225	3,112
TOTAL OR AVERAGE	1	-	1	5	6	7	5	12	6,000	-	50	359	409	6,409	50	72	916

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
LEAD-ZINC--CONTINUED:																	
TOTAL OR AVERAGE, MINING:																	
COLORADO	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
IDAHO	-	-	1	3	4	4	5	9	-	-	50	133	183	183	50	44	46
MISSOURI	1	-	-	1	1	2	-	2	6,000	-	-	225	225	5,225	-	225	3,112
TOTAL OR AVERAGE	1	-	1	5	6	7	5	12	6,000	-	50	359	409	6,409	50	72	916
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																	
COLORADO	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
IDAHO	-	-	1	3	4	4	5	9	-	-	50	133	183	183	50	44	46
MISSOURI	1	-	-	1	1	2	-	2	6,000	-	-	225	225	6,225	-	225	3,112
TOTAL OR AVERAGE	1	-	1	5	6	7	5	12	6,000	-	50	359	409	6,409	50	72	916
GRAND TOTAL OR AVERAGE:																	
COLORADO	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
IDAHO	-	-	1	3	4	4	5	9	-	-	50	133	183	183	50	44	46
MISSOURI	1	-	-	1	1	2	-	2	6,000	-	-	225	225	6,225	-	225	3,112
TOTAL OR AVERAGE	1	-	1	5	6	7	5	12	6,000	-	50	359	409	6,409	50	72	916
MOLYBDENUM:																	
UNDERGROUND MINES:																	
UNDERGROUND:																	
COLORADO	-	-	-	1	1	1	-	1	-	-	-	15	15	15	-	15	15
NEVADA	1	-	-	-	-	1	3	4	6,000	-	-	-	-	6,000	-	-	6,000
TOTAL OR AVERAGE	1	-	-	1	1	2	3	5	6,000	-	-	15	15	6,015	-	15	3,008
TOTAL OR AVERAGE, UG:																	
COLORADO	-	-	-	1	1	1	-	1	-	-	-	15	15	15	-	15	15
NEVADA	1	-	-	-	-	1	3	4	6,000	-	-	-	-	6,000	-	-	6,000
TOTAL OR AVERAGE	1	-	-	1	1	2	3	5	6,000	-	-	15	15	6,015	-	15	3,008
SURFACE MINES:																	
OPEN PIT:																	
IDAHO	-	-	-	21	21	21	10	31	-	-	-	307	307	307	-	15	15
TOTAL OR AVERAGE	-	-	-	21	21	21	10	31	-	-	-	307	307	307	-	15	15
TOTAL OR AVERAGE, SURFACE:																	
IDAHO	-	-	-	21	21	21	10	31	-	-	-	307	307	307	-	15	15
TOTAL OR AVERAGE	-	-	-	21	21	21	10	31	-	-	-	307	307	307	-	15	15

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TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
MOLYBDENUM--CONTINUED:																	
TOTAL OR AVERAGE, MINING:																	
COLORADO	-	-	-	1	1	1	-	1	-	-	-	15	15	15	-	15	15
IDAHO	-	-	-	21	21	21	10	31	-	-	-	307	307	307	-	15	15
NEVADA	1	-	-	-	-	1	3	4	6,000	-	-	-	-	6,000	-	-	6,000
TOTAL OR AVERAGE	1	-	-	22	22	23	13	36	6,000	-	-	322	322	6,322	-	15	275
PROCESSING PLANTS:																	
NEVADA	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
TOTAL OR AVERAGE	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																	
COLORADO	-	-	-	1	1	1	-	1	-	-	-	15	15	15	-	15	15
IDAHO	-	-	-	21	21	21	10	31	-	-	-	307	307	307	-	15	15
NEVADA	1	-	-	1	1	2	3	5	6,000	-	-	10	10	6,010	-	10	3,005
TOTAL OR AVERAGE	1	-	-	23	23	24	13	37	6,000	-	-	332	332	6,332	-	14	264
GRAND TOTAL OR AVERAGE:																	
COLORADO	-	-	-	1	1	1	-	1	-	-	-	15	15	15	-	15	15
IDAHO	-	-	-	21	21	21	10	31	-	-	-	307	307	307	-	15	15
NEVADA	1	-	-	1	1	2	3	5	6,000	-	-	10	10	6,010	-	10	3,005
TOTAL OR AVERAGE	1	-	-	23	23	24	13	37	6,000	-	-	332	332	6,332	-	14	264
PLATINUM:																	
UNDERGROUND MINES:																	
UNDERGROUND:																	
MONTANA	-	-	-	2	2	2	1	3	-	-	-	27	27	27	-	14	14
TOTAL OR AVERAGE	-	-	-	2	2	2	1	3	-	-	-	27	27	27	-	14	14
TOTAL OR AVERAGE, UG:																	
MONTANA	-	-	-	2	2	2	1	3	-	-	-	27	27	27	-	14	14
TOTAL OR AVERAGE	-	-	-	2	2	2	1	3	-	-	-	27	27	27	-	14	14
TOTAL OR AVERAGE, MINING:																	
MONTANA	-	-	-	2	2	2	1	3	-	-	-	27	27	27	-	14	14
TOTAL OR AVERAGE	-	-	-	2	2	2	1	3	-	-	-	27	27	27	-	14	14

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TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
PLATINUM-CONTINUED:																	
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																	
MONTANA	-	-	-	2	2	2	1	3	-	-	-	27	27	27	-	14	14
TOTAL OR AVERAGE	-	-	-	2	2	2	1	3	-	-	-	27	27	27	-	14	14
GRAND TOTAL OR AVERAGE:																	
MONTANA	-	-	-	2	2	2	1	3	-	-	-	27	27	27	-	14	14
TOTAL OR AVERAGE	-	-	-	2	2	2	1	3	-	-	-	27	27	27	-	14	14
SILVER:																	
UNDERGROUND MINES:																	
UNDERGROUND:																	
COLORADO	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
IDAHO	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	1	1	1	1	2	-	-	-	3	3	3	-	3	3
SURFACE AT UNDERGROUND:																	
COLORADO	-	-	-	1	1	1	-	1	-	-	-	44	44	44	-	44	44
NEW MEXICO	-	-	-	2	2	2	-	2	-	-	-	11	11	11	-	6	6
UTAH	-	1	-	-	1	1	-	1	-	6,000	-	-	6,000	6,000	-	-	6,000
TOTAL OR AVERAGE	-	1	-	3	4	4	-	4	-	6,000	-	55	6,055	6,055	-	18	1,514
TOTAL OR AVERAGE, UG:																	
COLORADO	-	-	-	2	2	2	-	2	-	-	-	47	47	47	-	24	24
IDAHO	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
NEW MEXICO	-	-	-	2	2	2	-	2	-	-	-	11	11	11	-	6	6
UTAH	-	1	-	-	1	1	-	1	-	6,000	-	-	6,000	6,000	-	-	6,000
TOTAL OR AVERAGE	-	1	-	4	5	5	1	6	-	6,000	-	58	6,058	6,058	-	14	1,212
SURFACE MINES:																	
OPEN PIT:																	
ARIZONA	-	-	-	5	5	5	4	9	-	-	-	108	108	108	-	22	22
IDAHO	-	-	-	1	1	1	-	1	-	-	-	29	29	29	-	29	29
UTAH	-	-	-	3	3	3	2	5	-	-	-	19	19	19	-	6	6
TOTAL OR AVERAGE	-	-	-	9	9	9	6	15	-	-	-	156	156	156	-	17	17

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TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
SILVER--CONTINUED:																	
TOTAL OR AVERAGE, SURFACE:																	
ARIZONA	-	-	-	5	5	5	4	9	-	-	-	108	108	108	-	22	22
IDAHO	-	-	-	1	1	1	-	1	-	-	-	29	29	29	-	29	29
UTAH	-	-	-	3	3	3	2	5	-	-	-	19	19	19	-	6	6
TOTAL OR AVERAGE	-	-	-	9	9	9	6	15	-	-	-	156	156	156	-	17	17
TOTAL OR AVERAGE, MINING:																	
ARIZONA	-	-	-	5	5	5	4	9	-	-	-	108	108	108	-	22	22
COLORADO	-	-	-	2	2	2	-	2	-	-	-	47	47	47	-	24	24
IDAHO	-	-	-	1	1	1	1	2	-	-	-	29	29	29	-	29	29
NEW MEXICO	-	-	-	2	2	2	-	2	-	-	-	11	11	11	-	6	6
UTAH	-	1	-	3	4	4	2	6	-	6,000	-	19	6,019	6,019	-	6	1,505
TOTAL OR AVERAGE	-	1	-	13	14	14	7	21	-	6,000	-	214	6,214	6,214	-	16	444
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																	
ARIZONA	-	-	-	5	5	5	4	9	-	-	-	108	108	108	-	22	22
COLORADO	-	-	-	2	2	2	-	2	-	-	-	47	47	47	-	24	24
IDAHO	-	-	-	1	1	1	1	2	-	-	-	29	29	29	-	29	29
NEW MEXICO	-	-	-	2	2	2	-	2	-	-	-	11	11	11	-	6	6
UTAH	-	1	-	3	4	4	2	6	-	6,000	-	19	6,019	6,019	-	6	1,505
TOTAL OR AVERAGE	-	1	-	13	14	14	7	21	-	6,000	-	214	6,214	6,214	-	16	444
GRAND TOTAL OR AVERAGE:																	
ARIZONA	-	-	-	5	5	5	4	9	-	-	-	108	108	108	-	22	22
COLORADO	-	-	-	2	2	2	-	2	-	-	-	47	47	47	-	24	24
IDAHO	-	-	-	1	1	1	1	2	-	-	-	29	29	29	-	29	29
NEW MEXICO	-	-	-	2	2	2	-	2	-	-	-	11	11	11	-	6	6
UTAH	-	1	-	3	4	4	2	6	-	6,000	-	19	6,019	6,019	-	6	1,505
TOTAL OR AVERAGE	-	1	-	13	14	14	7	21	-	6,000	-	214	6,214	6,214	-	16	444
URANIUM:																	
UNDERGROUND MINES:																	
UNDERGROUND:																	
COLORADO	-	-	-	2	2	2	1	3	-	-	-	57	57	57	-	28	28
NEW MEXICO	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	2	2	2	2	4	-	-	-	57	57	57	-	28	28

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TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
URANIUM--CONTINUED:																	
SURFACE AT UNDERGROUND:																	
NEW MEXICO	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
WYOMING	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE, UG:																	
COLORADO	-	-	-	2	2	2	1	3	-	-	-	57	57	57	-	28	28
NEW MEXICO	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
WYOMING	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	2	2	2	4	6	-	-	-	57	57	57	-	28	28
TOTAL OR AVERAGE, MINING:																	
COLORADO	-	-	-	2	2	2	1	3	-	-	-	57	57	57	-	28	28
NEW MEXICO	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
WYOMING	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	2	2	2	4	6	-	-	-	57	57	57	-	28	28
PROCESSING PLANTS:																	
NEW MEXICO	-	-	-	3	3	3	-	3	-	-	-	95	95	95	-	32	32
UTAH	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	3	3	3	1	4	-	-	-	95	95	95	-	32	32
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																	
COLORADO	-	-	-	2	2	2	1	3	-	-	-	57	57	57	-	28	28
NEW MEXICO	-	-	-	3	3	3	2	5	-	-	-	95	95	95	-	32	32
UTAH	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
WYOMING	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	5	5	5	5	10	-	-	-	152	152	152	-	30	30
OFFICE:																	
NEW MEXICO	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14
TOTAL OR AVERAGE	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14

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TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
URANIUM-CONTINUED:																	
GRAND TOTAL OR AVERAGE:																	
COLORADO	-	-	-	2	2	2	1	3	-	-	-	57	57	57	-	28	28
NEW MEXICO	-	-	-	4	4	4	2	6	-	-	-	109	109	109	-	27	27
UTAH	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
WYOMING	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	6	6	6	5	11	-	-	-	166	166	166	-	28	28
OTHER METALS, NEC:																	
UNDERGROUND MINES:																	
UNDERGROUND:																	
ARIZONA	-	-	-	2	2	2	-	2	-	-	-	35	35	35	-	18	18
TOTAL OR AVERAGE	-	-	-	2	2	2	-	2	-	-	-	35	35	35	-	18	18
SURFACE AT UNDERGROUND:																	
ARIZONA	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE, UG:																	
ARIZONA	-	-	-	2	2	2	1	3	-	-	-	35	35	35	-	18	18
TOTAL OR AVERAGE	-	-	-	2	2	2	1	3	-	-	-	35	35	35	-	18	18
TOTAL OR AVERAGE, MINING:																	
ARIZONA	-	-	-	2	2	2	1	3	-	-	-	35	35	35	-	18	18
TOTAL OR AVERAGE	-	-	-	2	2	2	1	3	-	-	-	35	35	35	-	18	18
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																	
ARIZONA	-	-	-	2	2	2	1	3	-	-	-	35	35	35	-	18	18
TOTAL OR AVERAGE	-	-	-	2	2	2	1	3	-	-	-	35	35	35	-	18	18
GRAND TOTAL OR AVERAGE:																	
ARIZONA	-	-	-	2	2	2	1	3	-	-	-	35	35	35	-	18	18
TOTAL OR AVERAGE	-	-	-	2	2	2	1	3	-	-	-	35	35	35	-	18	18

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
ALL METALLIC MINERALS:																	
UNDERGROUND MINES:																	
UNDERGROUND:																	
ARIZONA	-	-	-	4	4	4	-	4	-	-	-	65	65	65	-	16	16
CALIFORNIA	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
COLORADO	-	-	-	10	10	10	2	12	-	-	-	102	102	102	-	10	10
IDAHO	-	-	1	3	4	4	4	8	-	-	50	133	183	183	50	44	46
MONTANA	-	-	-	3	3	3	1	4	-	-	-	28	28	28	-	9	9
NEVADA	1	-	-	-	-	1	3	4	6,000	-	-	-	-	6,000	-	-	6,000
NEW MEXICO	-	-	-	4	4	4	3	7	-	-	-	300	300	300	-	75	75
OREGON	-	-	-	1	1	1	-	1	-	-	-	7	7	7	-	7	7
UTAH	-	-	1	4	5	5	2	7	-	-	75	338	413	413	75	84	83
WASHINGTON	-	-	-	1	1	1	4	5	-	-	-	44	44	44	-	44	44
TOTAL OR AVERAGE	1	-	2	30	32	33	21	54	6,000	-	125	1,017	1,142	7,142	62	34	216
SURFACE AT UNDERGROUND:																	
ARIZONA	-	-	-	1	1	1	1	2	-	-	-	176	176	176	-	176	176
CALIFORNIA	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
COLORADO	-	-	-	1	1	1	1	2	-	-	-	44	44	44	-	44	44
IDAHO	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
MISSOURI	1	-	-	1	1	2	-	2	6,000	-	-	225	225	6,225	-	225	3,112
NEW MEXICO	-	-	-	2	2	2	1	3	-	-	-	11	11	11	-	6	6
UTAH	-	1	-	2	3	3	-	3	-	6,000	-	185	6,185	6,185	-	92	2,062
WYOMING	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	1	1	-	7	8	9	7	16	6,000	6,000	-	641	6,641	12,641	-	92	1,405
TOTAL OR AVERAGE, UG:																	
ARIZONA	-	-	-	5	5	5	1	6	-	-	-	241	241	241	-	48	48
CALIFORNIA	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
COLORADO	-	-	-	11	11	11	3	14	-	-	-	146	146	146	-	13	13
IDAHO	-	-	1	3	4	4	6	10	-	-	50	133	183	183	50	44	46
MISSOURI	1	-	-	1	1	2	-	2	6,000	-	-	225	225	6,225	-	225	3,112
MONTANA	-	-	-	3	3	3	1	4	-	-	-	28	28	28	-	9	9
NEVADA	1	-	-	-	-	1	3	4	6,000	-	-	-	-	6,000	-	-	6,000
NEW MEXICO	-	-	-	6	6	6	4	10	-	-	-	311	311	311	-	52	52
OREGON	-	-	-	1	1	1	-	1	-	-	-	7	7	7	-	7	7
UTAH	-	1	1	6	8	8	2	10	-	6,000	75	523	6,598	6,598	75	87	825
WASHINGTON	-	-	-	1	1	1	4	5	-	-	-	44	44	44	-	44	44
WYOMING	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	2	1	2	37	40	42	28	70	12,000	6,000	125	1,658	7,783	19,783	62	45	471

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TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								LOST WORKDAYS							AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
ALL METALLIC-CONTINUED:																	
SURFACE MINES:																	
OPEN PIT:																	
ALASKA	2	-	-	-	-	2	-	2	12,000	-	-	-	-	12,000	-	-	6,000
ARIZONA	-	-	1	21	22	22	5	27	-	-	60	309	369	369	60	15	17
CALIFORNIA	-	-	-	2	2	2	-	2	-	-	-	38	38	38	-	19	19
IDAHO	-	-	-	25	25	25	11	36	-	-	-	368	368	368	-	15	15
MINNESOTA	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MONTANA	-	-	-	5	5	5	-	5	-	-	-	171	171	171	-	34	34
NEVADA	-	-	-	5	5	5	10	15	-	-	-	124	124	124	-	25	25
NEW MEXICO	-	-	1	9	10	10	-	10	-	-	50	46	96	96	50	5	10
UTAH	1	-	-	3	3	4	2	6	6,000	-	-	19	19	6,019	-	6	1,505
TOTAL OR AVERAGE	3	-	2	70	72	75	29	104	18,000	-	110	1,075	1,185	19,185	55	15	256
TOTAL OR AVERAGE, SURFACE:																	
ALASKA	2	-	-	-	-	2	-	2	12,000	-	-	-	-	12,000	-	-	6,000
ARIZONA	-	-	1	21	22	22	5	27	-	-	60	309	369	369	60	15	17
CALIFORNIA	-	-	-	2	2	2	-	2	-	-	-	38	38	38	-	19	19
IDAHO	-	-	-	25	25	25	11	36	-	-	-	368	368	368	-	15	15
MINNESOTA	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MONTANA	-	-	-	5	5	5	-	5	-	-	-	171	171	171	-	34	34
NEVADA	-	-	-	5	5	5	10	15	-	-	-	124	124	124	-	25	25
NEW MEXICO	-	-	1	9	10	10	-	10	-	-	50	46	96	96	50	5	10
UTAH	1	-	-	3	3	4	2	6	6,000	-	-	19	19	6,019	-	6	1,505
TOTAL OR AVERAGE	3	-	2	70	72	75	29	104	18,000	-	110	1,075	1,185	19,185	55	15	256
TOTAL OR AVERAGE, MINING:																	
ALASKA	2	-	-	-	-	2	-	2	12,000	-	-	-	-	12,000	-	-	6,000
ARIZONA	-	-	1	26	27	27	6	33	-	-	60	550	610	610	60	21	23
CALIFORNIA	-	-	-	2	2	2	3	5	-	-	-	38	38	38	-	19	19
COLORADO	-	-	-	11	11	11	3	14	-	-	-	146	146	146	-	13	13
IDAHO	-	-	1	28	29	29	17	46	-	-	50	501	551	551	50	18	19
MINNESOTA	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MISSOURI	1	-	-	1	1	2	-	2	6,000	-	-	225	225	6,225	-	225	3,112
MONTANA	-	-	-	8	8	8	1	9	-	-	-	199	199	199	-	25	25
NEVADA	1	-	-	5	5	6	13	19	6,000	-	-	124	124	6,124	-	25	1,021
NEW MEXICO	-	-	1	15	16	16	4	20	-	-	50	357	407	407	50	24	25
OREGON	-	-	-	1	1	1	-	1	-	-	-	7	7	7	-	7	7
UTAH	1	1	1	9	11	12	4	16	6,000	6,000	75	542	6,617	12,617	75	60	1,051
WASHINGTON	-	-	-	1	1	1	4	5	-	-	-	44	44	44	-	44	44
WYOMING	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	5	1	4	107	112	117	57	174	30,000	6,000	235	2,733	8,968	38,968	59	26	333

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TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL			TOTAL FATAL AND NFDL	RDL	TOTAL INJURIES		FATAL	NFDL			TOTAL FATAL AND NFDL		PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
ALL METALLIC-CONTINUED:																	
PROCESSING PLANTS:																	
ARIZONA	-	-	-	1	1	1	1	2	-	-	-	6	6	6	-	6	6
MINNESOTA	-	-	-	2	2	2	1	3	-	-	-	166	166	166	-	83	83
MONTANA	-	-	-	1	1	1	-	1	-	-	-	59	59	59	-	59	59
NEVADA	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
NEW MEXICO	-	-	-	3	3	3	3	6	-	-	-	95	95	95	-	32	32
UTAH	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
VIRGIN ISLANDS	-	-	-	2	2	2	-	2	-	-	-	26	26	26	-	13	13
TOTAL OR AVERAGE	-	-	-	10	10	10	6	16	-	-	-	362	362	362	-	36	36
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																	
ALASKA	2	-	-	-	-	2	-	2	12,000	-	-	-	-	12,000	-	-	6,000
ARIZONA	-	-	1	27	28	28	7	35	-	-	60	556	616	616	60	21	22
CALIFORNIA	-	-	-	2	2	2	3	5	-	-	-	38	38	38	-	19	19
COLORADO	-	-	-	11	11	11	3	14	-	-	-	146	146	146	-	13	13
IDAHO	-	-	1	28	29	29	17	46	-	-	50	501	551	551	50	18	19
MINNESOTA	-	-	-	2	2	2	2	4	-	-	-	166	166	166	-	83	83
MISSOURI	1	-	-	1	1	2	-	2	6,000	-	-	225	225	6,225	-	225	3,112
MONTANA	-	-	-	9	9	9	1	10	-	-	-	258	258	258	-	29	29
NEVADA	1	-	-	6	6	7	13	20	6,000	-	-	134	134	6,134	-	22	876
NEW MEXICO	-	-	1	18	19	19	7	26	-	-	50	452	502	502	50	25	26
OREGON	-	-	-	1	1	1	-	1	-	-	-	7	7	7	-	7	7
UTAH	1	1	1	9	11	12	5	17	6,000	6,000	75	542	6,617	12,617	75	60	1,051
VIRGIN ISLANDS	-	-	-	2	2	2	-	2	-	-	-	26	26	26	-	13	13
WASHINGTON	-	-	-	1	1	1	4	5	-	-	-	44	44	44	-	44	44
WYOMING	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	5	1	4	117	122	127	63	190	30,000	6,000	235	3,095	9,330	39,330	59	26	310
OFFICE:																	
NEW MEXICO		-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14
TOTAL OR AVERAGE	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14

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TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
ALL METALLIC-CONTINUED:																	
GRAND TOTAL OR AVERAGE:																	
ALASKA	2	-	-	-	-	2	-	2	12,000	-	-	-	-	12,000	-	-	6,000
ARIZONA	-	-	1	27	28	28	7	35	-	-	-	60	556	616	616	60	21	22
CALIFORNIA	-	-	-	2	2	2	3	5	-	-	-	-	38	38	38	-	19	19
COLORADO	-	-	-	11	11	11	3	14	-	-	-	-	146	146	146	-	13	13
IDAHO	-	-	1	28	29	29	17	46	-	-	-	50	501	551	551	50	18	19
MINNESOTA	-	-	-	2	2	2	2	4	-	-	-	-	166	166	166	-	83	83
MISSOURI	1	-	-	1	1	2	-	2	6,000	-	-	-	225	225	6,225	-	225	3,112
MONTANA	-	-	-	9	9	9	1	10	-	-	-	-	258	258	258	-	29	29
NEVADA	1	-	-	6	6	7	13	20	6,000	-	-	-	134	134	6,134	-	22	876
NEW MEXICO	-	-	1	19	20	20	7	27	-	-	-	50	466	516	516	50	25	26
OREGON	-	-	-	1	1	1	-	1	-	-	-	-	7	7	7	-	7	7
UTAH	1	1	1	9	11	12	5	17	6,000	6,000	75	542	6,617	12,617	75	60	1,051
VIRGIN ISLANDS	-	-	-	2	2	2	-	2	-	-	-	-	26	26	26	-	13	13
WASHINGTON	-	-	-	1	1	1	4	5	-	-	-	-	44	44	44	-	44	44
WYOMING	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	5	1	4	118	123	128	63	191	30,000	6,000	235	3,109	9,344	39,344	59	26	307

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TABLE 9. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
UNDERGROUND MINES:																	
UNDERGROUND:																	
EYE	-	-	-	1	1	1	3	4	-	-	-	7	7	7	-	7	7
MOUTH/TEETH/TONGUE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
NOSE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HEAD, NEC	-	-	-	1	1	1	1	2	-	-	-	44	44	44	-	44	44
NECK	-	-	-	2	2	2	-	2	-	-	-	5	5	5	-	2	2
FOREARM	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
WRIST	-	-	-	1	1	1	-	1	-	-	-	27	27	27	-	27	27
HAND	-	-	-	2	2	2	3	5	-	-	-	33	33	33	-	16	16
FINGER(S)	-	-	1	-	1	1	3	4	-	-	75	-	75	75	75	-	75
UPPER EXTREMITIES, NEC	-	-	-	1	1	1	2	3	-	-	-	15	15	15	-	15	15
BACK	-	-	-	2	2	2	-	2	-	-	-	25	25	25	-	12	12
CHEST	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
PELVIC REGION	-	-	1	-	1	1	-	1	-	-	50	-	50	50	50	-	50
SHOULDER(S)	-	-	-	2	2	2	-	2	-	-	-	28	28	28	-	14	14
THIGH	-	-	-	1	1	1	-	1	-	-	-	7	7	7	-	7	7
ANKLE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FOOT	-	-	-	2	2	2	2	4	-	-	-	7	7	7	-	4	4
TOE(S)	-	-	-	2	2	2	1	3	-	-	-	16	16	16	-	8	8
LOWER EXTREMITIES, NEC	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
BODY SYSTEMS	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MULTIPLE PARTS OF BODY	1	-	-	11	11	12	1	13	6,000	-	-	791	791	6,791	-	72	566
TOTAL OR AVERAGE	1	-	2	30	32	33	21	54	6,000	-	125	1,017	1,142	7,142	62	34	216
SURFACE AT UNDERGROUND:																	
HEAD, NEC	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HAND	-	1	-	1	2	2	2	4	-	6,000	-	129	6,129	6,129	-	129	3,064
FINGER(S)	-	-	-	1	1	1	2	3	-	-	-	56	56	56	-	56	56
BACK	-	-	-	2	2	2	-	2	-	-	-	11	11	11	-	6	6
PELVIC REGION	-	-	-	1	1	1	-	1	-	-	-	44	44	44	-	44	44
THIGH	-	-	-	1	1	1	1	2	-	-	-	176	176	176	-	176	176
ANKLE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
BODY SYSTEMS	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
MULTIPLE PARTS OF BODY	-	-	-	1	1	1	-	1	-	-	-	225	225	225	-	225	225
TOTAL OR AVERAGE	1	1	-	7	8	9	7	16	6,000	6,000	-	641	6,641	12,641	-	92	1,405

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TABLE 9. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
TOTAL OR AVERAGE, UG:																	
EYE	-	-	-	1	1	1	3	4	-	-	-	7	7	7	-	7	7
MOUTH/TEETH/TONGUE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
NOSE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HEAD, NEC	-	-	-	1	1	1	2	3	-	-	-	44	44	44	-	44	44
NECK	-	-	-	2	2	2	-	2	-	-	-	5	5	5	-	2	2
FOREARM	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
WRIST	-	-	-	1	1	1	-	1	-	-	-	27	27	27	-	27	27
HAND	-	1	-	3	4	4	5	9	-	6,000	-	162	6,162	6,162	-	54	1,540
FINGER(S)	-	-	1	1	2	2	5	7	-	-	75	56	131	131	75	56	66
UPPER EXTREMITIES, NEC	-	-	-	1	1	1	2	3	-	-	-	15	15	15	-	15	15
BACK	-	-	-	4	4	4	-	4	-	-	-	36	36	36	-	9	9
CHEST	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
PELVIC REGION	-	-	1	1	2	2	-	2	-	-	50	44	94	94	50	44	47
SHOULDER(S)	-	-	-	2	2	2	-	2	-	-	-	28	28	28	-	14	14
THIGH	-	-	-	2	2	2	1	3	-	-	-	183	183	183	-	92	92
ANKLE	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
FOOT	-	-	-	2	2	2	2	4	-	-	-	7	7	7	-	4	4
TOE(S)	-	-	-	2	2	2	1	3	-	-	-	16	16	16	-	8	8
LOWER EXTREMITIES, NEC	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
BODY SYSTEMS	1	-	-	-	-	1	1	2	6,000	-	-	-	-	6,000	-	-	6,000
MULTIPLE PARTS OF BODY	1	-	-	12	12	13	1	14	6,000	-	-	1,016	1,016	7,016	-	85	540
TOTAL OR AVERAGE	2	1	2	37	40	42	28	70	12,000	6,000	125	1,658	7,783	19,783	62	45	471
SURFACE MINES:																	
OPEN PIT:																	
EYE	-	-	-	3	3	3	4	7	-	-	-	8	8	8	-	3	3
MOUTH/TEETH/TONGUE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FACE, NEC	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HEAD, NEC	-	-	-	3	3	3	1	4	-	-	-	39	39	39	-	13	13
NECK	-	-	-	2	2	2	-	2	-	-	-	5	5	5	-	2	2
UPPER ARM	-	-	-	1	1	1	-	1	-	-	-	43	43	43	-	43	43
ELBOW	-	-	-	2	2	2	-	2	-	-	-	78	78	78	-	39	39
FOREARM	-	-	-	1	1	1	-	1	-	-	-	27	27	27	-	27	27
HAND	-	-	-	5	5	5	1	6	-	-	-	109	109	109	-	22	22
FINGER(S)	-	-	1	6	7	7	8	15	-	-	60	64	124	124	60	11	18
UPPER EXTREMITIES, NEC	-	-	-	3	3	3	1	4	-	-	-	92	92	92	-	31	31
ABDOMEN	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
BACK	-	-	-	14	14	14	1	15	-	-	-	211	211	211	-	15	15
CHEST	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
PELVIC REGION	-	-	1	1	2	2	2	4	-	-	50	31	81	81	50	31	40
SHOULDER(S)	-	-	-	3	3	3	-	3	-	-	-	27	27	27	-	9	9
TRUNK, NEC	-	-	-	1	1	1	-	1	-	-	-	8	8	8	-	8	8
THIGH	-	-	-	1	1	1	1	2	-	-	-	7	7	7	-	7	7
KNEE	-	-	-	7	7	7	4	11	-	-	-	155	155	155	-	22	22
LOWER LEG	-	-	-	1	1	1	-	1	-	-	-	70	70	70	-	70	70
ANKLE	-	-	-	6	6	6	-	6	-	-	-	26	26	26	-	4	4
FOOT	-	-	-	2	2	2	3	5	-	-	-	22	22	22	-	11	11
LOWER EXTREMITIES, NEC	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
BODY SYSTEMS	2	-	-	-	-	2	-	2	12,000	-	-	-	-	12,000	-	-	6,000
MULTIPLE PARTS OF BODY	1	-	-	5	5	6	1	7	6,000	-	-	44	44	6,044	-	9	1,007
TOTAL OR AVERAGE	3	-	2	70	72	75	29	104	18,000	-	110	1,075	1,185	19,185	55	15	256

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TABLE 9. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
TOTAL OR AVERAGE, SURFACE:																	
EYE	-	-	-	3	3	3	4	7	-	-	-	8	8	8	-	3	3
MOUTH/TEETH/TONGUE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FACE, NEC	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HEAD, NEC	-	-	-	3	3	3	1	4	-	-	-	39	39	39	-	13	13
NECK	-	-	-	2	2	2	-	2	-	-	-	5	5	5	-	2	2
UPPER ARM	-	-	-	1	1	1	-	1	-	-	-	43	43	43	-	43	43
ELBOW	-	-	-	2	2	2	-	2	-	-	-	78	78	78	-	39	39
FOREARM	-	-	-	1	1	1	-	1	-	-	-	27	27	27	-	27	27
HAND	-	-	-	5	5	5	1	6	-	-	-	109	109	109	-	22	22
FINGER(S)	-	-	1	6	7	7	8	15	-	-	60	64	124	124	60	11	18
UPPER EXTREMITIES, NEC	-	-	-	3	3	3	1	4	-	-	-	92	92	92	-	31	31
ABDOMEN	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
BACK	-	-	-	14	14	14	1	15	-	-	-	211	211	211	-	15	15
CHEST	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
PELVIC REGION	-	-	1	1	2	2	2	4	-	-	50	31	81	81	50	31	40
SHOULDER(S)	-	-	-	3	3	3	-	3	-	-	-	27	27	27	-	9	9
TRUNK, NEC	-	-	-	1	1	1	-	1	-	-	-	8	8	8	-	8	8
THIGH	-	-	-	1	1	1	1	2	-	-	-	7	7	7	-	7	7
KNEE	-	-	-	7	7	7	4	11	-	-	-	155	155	155	-	22	22
LOWER LEG	-	-	-	1	1	1	-	1	-	-	-	70	70	70	-	70	70
ANKLE	-	-	-	6	6	6	-	6	-	-	-	26	26	26	-	4	4
FOOT	-	-	-	2	2	2	3	5	-	-	-	22	22	22	-	11	11
LOWER EXTREMITIES, NEC	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
BODY SYSTEMS	2	-	-	-	-	2	-	2	12,000	-	-	-	-	12,000	-	-	6,000
MULTIPLE PARTS OF BODY	1	-	-	5	5	6	1	7	6,000	-	-	44	44	6,044	-	9	1,007
TOTAL OR AVERAGE	3	-	2	70	72	75	29	104	18,000	-	110	1,075	1,185	19,185	55	15	256

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TABLE 9. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
TOTAL OR AVERAGE, MINING:																	
EYE	-	-	-	4	4	4	7	11	-	-	-	15	15	15	-	4	4
MOUTH/TEETH/TONGUE	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
NOSE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FACE, NEC	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HEAD, NEC	-	-	-	4	4	4	3	7	-	-	-	83	83	83	-	21	21
NECK	-	-	-	4	4	4	-	4	-	-	-	10	10	10	-	2	2
UPPER ARM	-	-	-	1	1	1	-	1	-	-	-	43	43	43	-	43	43
ELBOW	-	-	-	2	2	2	-	2	-	-	-	78	78	78	-	39	39
FOREARM	-	-	-	2	2	2	-	2	-	-	-	29	29	29	-	14	14
WRIST	-	-	-	1	1	1	-	1	-	-	-	27	27	27	-	27	27
HAND	-	1	-	8	9	9	6	15	-	6,000	-	271	6,271	6,271	-	34	697
FINGER(S)	-	-	2	7	9	9	13	22	-	-	135	120	255	255	68	17	28
UPPER EXTREMITIES, NEC	-	-	-	4	4	4	3	7	-	-	-	107	107	107	-	27	27
ABDOMEN	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
BACK	-	-	-	18	18	18	1	19	-	-	-	247	247	247	-	14	14
CHEST	-	-	-	1	1	1	1	2	-	-	-	3	3	3	-	3	3
PELVIC REGION	-	-	2	2	4	4	2	6	-	-	100	75	175	175	50	38	44
SHOULDER(S)	-	-	-	5	5	5	-	5	-	-	-	55	55	55	-	11	11
TRUNK, NEC	-	-	-	1	1	1	-	1	-	-	-	8	8	8	-	8	8
THIGH	-	-	-	3	3	3	2	5	-	-	-	190	190	190	-	63	63
KNEE	-	-	-	7	7	7	4	11	-	-	-	155	155	155	-	22	22
LOWER LEG	-	-	-	1	1	1	-	1	-	-	-	70	70	70	-	70	70
ANKLE	-	-	-	6	6	6	2	8	-	-	-	26	26	26	-	4	4
FOOT	-	-	-	4	4	4	5	9	-	-	-	29	29	29	-	7	7
TOE(S)	-	-	-	2	2	2	1	3	-	-	-	16	16	16	-	8	8
LOWER EXTREMITIES, NEC	-	-	-	2	2	2	-	2	-	-	-	13	13	13	-	6	6
BODY SYSTEMS	3	-	-	-	-	3	1	4	18,000	-	-	-	-	18,000	-	-	6,000
MULTIPLE PARTS OF BODY	2	-	-	17	17	19	2	21	12,000	-	-	1,060	1,060	13,060	-	62	687
TOTAL OR AVERAGE	5	1	4	107	112	117	57	174	30,000	6,000	235	2,733	8,968	38,968	59	26	333
PROCESSING PLANTS:																	
EYE	-	-	-	1	1	1	2	3	-	-	-	2	2	2	-	2	2
MOUTH/TEETH/TONGUE	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
HEAD, NEC	-	-	-	1	1	1	-	1	-	-	-	16	16	16	-	16	16
WRIST	-	-	-	1	1	1	-	1	-	-	-	51	51	51	-	51	51
FINGER(S)	-	-	-	1	1	1	1	2	-	-	-	4	4	4	-	4	4
BACK	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
KNEE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
ANKLE	-	-	-	1	1	1	-	1	-	-	-	59	59	59	-	59	59
FOOT	-	-	-	1	1	1	-	1	-	-	-	40	40	40	-	40	40
MULTIPLE PARTS OF BODY	-	-	-	3	3	3	-	3	-	-	-	184	184	184	-	61	61
TOTAL OR AVERAGE	-	-	-	10	10	10	6	16	-	-	-	362	362	362	-	36	36

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TABLE 9. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																	
EYE	-	-	-	5	5	5	9	14	-	-	-	17	17	17	-	3	3
MOUTH/TEETH/TONGUE	-	-	-	-	-	-	4	4	-	-	-	-	-	-	-	-	-
NOSE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FACE, NEC	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HEAD, NEC	-	-	-	5	5	5	3	8	-	-	-	99	99	99	-	20	20
NECK	-	-	-	4	4	4	-	4	-	-	-	10	10	10	-	2	2
UPPER ARM	-	-	-	1	1	1	-	1	-	-	-	43	43	43	-	43	43
ELBOW	-	-	-	2	2	2	-	2	-	-	-	78	78	78	-	39	39
FOREARM	-	-	-	2	2	2	-	2	-	-	-	29	29	29	-	14	14
WRIST	-	-	-	2	2	2	-	2	-	-	-	78	78	78	-	39	39
HAND	-	1	-	8	9	9	6	15	-	6,000	-	271	6,271	6,271	-	34	697
FINGER(S)	-	-	2	8	10	10	14	24	-	-	135	124	259	259	68	16	26
UPPER EXTREMITIES, NEC	-	-	-	4	4	4	3	7	-	-	-	107	107	107	-	27	27
ABDOMEN	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
BACK	-	-	-	19	19	19	1	20	-	-	-	253	253	253	-	13	13
CHEST	-	-	-	1	1	1	1	2	-	-	-	3	3	3	-	3	3
PELVIC REGION	-	-	2	2	4	4	2	6	-	-	100	75	175	175	50	38	44
SHOULDER(S)	-	-	-	5	5	5	-	5	-	-	-	55	55	55	-	11	11
TRUNK, NEC	-	-	-	1	1	1	-	1	-	-	-	8	8	8	-	8	8
THIGH	-	-	-	3	3	3	2	5	-	-	-	190	190	190	-	63	63
KNEE	-	-	-	7	7	7	5	12	-	-	-	155	155	155	-	22	22
LOWER LEG	-	-	-	1	1	1	-	1	-	-	-	70	70	70	-	70	70
ANKLE	-	-	-	7	7	7	2	9	-	-	-	85	85	85	-	12	12
FOOT	-	-	-	5	5	5	5	10	-	-	-	69	69	69	-	14	14
TOE(S)	-	-	-	2	2	2	1	3	-	-	-	16	16	16	-	8	8
LOWER EXTREMITIES, NEC	-	-	-	2	2	2	-	2	-	-	-	13	13	13	-	6	6
BODY SYSTEMS	3	-	-	-	-	3	1	4	18,000	-	-	-	-	18,000	-	-	6,000
MULTIPLE PARTS OF BODY	2	-	-	20	20	22	2	24	12,000	-	-	1,244	1,244	13,244	-	62	602
TOTAL OR AVERAGE	5	1	4	117	122	127	63	190	30,000	6,000	235	3,095	9,330	39,330	59	26	310
OFFICE:																	
ANKLE	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14
TOTAL OR AVERAGE	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14

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TABLE 9. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
GRAND TOTAL OR AVERAGE:																	
EYE	-	-	-	5	5	5	9	14	-	-	-	17	17	17	-	3	3
MOUTH/TEETH/TONGUE	-	-	-	-	-	-	4	4	-	-	-	-	-	-	-	-	-
NOSE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FACE, NEC	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HEAD, NEC	-	-	-	5	5	5	3	8	-	-	-	99	99	99	-	20	20
NECK	-	-	-	4	4	4	-	4	-	-	-	10	10	10	-	2	2
UPPER ARM	-	-	-	1	1	1	-	1	-	-	-	43	43	43	-	43	43
ELBOW	-	-	-	2	2	2	-	2	-	-	-	78	78	78	-	39	39
FOREARM	-	-	-	2	2	2	-	2	-	-	-	29	29	29	-	14	14
WRIST	-	-	-	2	2	2	-	2	-	-	-	78	78	78	-	39	39
HAND	-	-	-	8	9	9	6	15	-	6,000	-	271	6,271	6,271	-	34	697
FINGER(S)	-	-	2	8	10	10	14	24	-	-	135	124	259	259	68	16	26
UPPER EXTREMITIES, NEC	-	-	-	4	4	4	3	7	-	-	-	107	107	107	-	27	27
ABDOMEN	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
BACK	-	-	-	19	19	19	1	20	-	-	-	253	253	253	-	13	13
CHEST	-	-	-	1	1	1	1	2	-	-	-	3	3	3	-	3	3
PELVIC REGION	-	-	2	2	4	4	2	6	-	-	100	75	175	175	50	38	44
SHOULDER(S)	-	-	-	5	5	5	-	5	-	-	-	55	55	55	-	11	11
TRUNK, NEC	-	-	-	1	1	1	-	1	-	-	-	8	8	8	-	8	8
THIGH	-	-	-	3	3	3	2	5	-	-	-	190	190	190	-	63	63
KNEE	-	-	-	7	7	7	5	12	-	-	-	155	155	155	-	22	22
LOWER LEG	-	-	-	1	1	1	-	1	-	-	-	70	70	70	-	70	70
ANKLE	-	-	-	8	8	8	2	10	-	-	-	99	99	99	-	12	12
FOOT	-	-	-	5	5	5	5	10	-	-	-	69	69	69	-	14	14
TOE(S)	-	-	-	2	2	2	1	3	-	-	-	16	16	16	-	8	8
LOWER EXTREMITIES, NEC	-	-	-	2	2	2	-	2	-	-	-	13	13	13	-	6	6
BODY SYSTEMS	3	-	-	-	-	3	1	4	18,000	-	-	-	-	18,000	-	-	6,000
MULTIPLE PARTS OF BODY	2	-	-	20	20	22	2	24	12,000	-	-	1,244	1,244	13,244	-	62	602
TOTAL OR AVERAGE	5	1	4	118	123	128	63	191	30,000	6,000	235	3,109	9,344	39,344	59	26	307

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TABLE 11. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND NATURE OF INJURY AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983

WORK LOCATION AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
UNDERGROUND MINES:																	
UNDERGROUND:																	
AMPUTATION/ENUCLEATION	-	-	1	-	1	1	-	1	-	-	75	-	75	75	75	-	75
CHEMICAL BURN	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
CONTUSION OR BRUISE	1	-	-	3	3	4	2	6	6,000	-	-	285	285	6,285	-	95	1,571
CUT OR PUNCTURE	-	-	-	5	5	5	7	12	-	-	-	106	106	106	-	21	21
DUST IN EYE	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
FRACTURE	-	-	-	6	6	6	2	8	-	-	-	110	110	110	-	18	18
HERNIA (NOT DISC)	-	-	1	-	1	1	-	1	-	-	50	-	50	50	50	-	50
POISONING (SYSTEMIC)	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN	-	-	-	6	6	6	1	7	-	-	-	48	48	48	-	8	8
MULTIPLE INJURIES	-	-	-	6	6	6	5	11	-	-	-	441	441	441	-	74	74
OTHER INJURY, NEC	-	-	-	1	1	1	1	2	-	-	-	3	3	3	-	3	3
UNCLASSIFIED (NO DATA)	-	-	-	2	2	2	-	2	-	-	-	22	22	22	-	11	11
TOTAL OR AVERAGE	1	-	2	30	32	33	21	54	6,000	-	125	1,017	1,142	7,142	62	34	216
SURFACE AT UNDERGROUND:																	
AMPUTATION/ENUCLEATION	-	1	-	-	1	1	-	1	-	6,000	-	-	6,000	6,000	-	-	6,000
CONTUSION OR BRUISE	-	-	-	1	1	1	-	1	-	-	-	176	176	176	-	176	176
CUT OR PUNCTURE	-	-	-	-	-	-	5	5	-	-	-	-	-	-	-	-	-
ELECTRIC SHOCK	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
ELECT. BURN (CONTACT)	-	-	-	1	1	1	-	1	-	-	-	225	225	225	-	225	225
FRACTURE	-	-	-	2	2	2	1	3	-	-	-	139	139	139	-	70	70
STRAIN/SPRAIN	-	-	-	2	2	2	1	3	-	-	-	45	45	45	-	22	22
MULTIPLE INJURIES	-	-	-	1	1	1	-	1	-	-	-	56	56	56	-	56	56
TOTAL OR AVERAGE	1	1	-	7	8	9	7	16	6,000	6,000	-	641	6,641	12,641	-	92	1,405
TOTAL OR AVERAGE, UG:																	
AMPUTATION/ENUCLEATION	-	1	1	-	2	2	-	2	-	6,000	75	-	6,075	6,075	75	-	3,038
CHEMICAL BURN	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
CONTUSION OR BRUISE	1	-	-	4	4	5	2	7	6,000	-	-	461	461	6,461	-	115	1,292
CUT OR PUNCTURE	-	-	-	5	5	5	12	17	-	-	-	106	106	106	-	21	21
DUST IN EYE	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
ELECTRIC SHOCK	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
ELECT. BURN (CONTACT)	-	-	-	1	1	1	-	1	-	-	-	225	225	225	-	225	225
FRACTURE	-	-	-	8	8	8	3	11	-	-	-	249	249	249	-	31	31
HERNIA (NOT DISC)	-	-	1	-	1	1	-	1	-	-	50	-	50	50	50	-	50
POISONING (SYSTEMIC)	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN	-	-	-	8	8	8	2	10	-	-	-	93	93	93	-	12	12
MULTIPLE INJURIES	-	-	-	7	7	7	5	12	-	-	-	497	497	497	-	71	71
OTHER INJURY, NEC	-	-	-	1	1	1	1	2	-	-	-	3	3	3	-	3	3
UNCLASSIFIED (NO DATA)	-	-	-	2	2	2	-	2	-	-	-	22	22	22	-	11	11
TOTAL OR AVERAGE	2	1	2	37	40	42	28	70	12,000	6,000	125	1,658	7,783	19,783	62	45	471

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TABLE 11. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND NATURE OF INJURY AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
SURFACE MINES:																	
OPEN PIT:																	
AMPUTATION/ENUCLEATION	-	-	1	-	1	1	-	1	-	-	60	-	60	60	60	-	60
ASPHYXIATION/DROWNING	2	-	-	-	-	2	-	2	12,000	-	-	-	-	12,000	-	-	6,000
BURN/SCALD (NOT CHEM.)	-	-	-	2	2	2	-	2	-	-	-	15	15	15	-	8	8
CONCUSSION (CEREBRAL)	-	-	-	2	2	2	-	2	-	-	-	10	10	10	-	5	5
CONTUSION OR BRUISE	-	-	-	9	9	9	3	12	-	-	-	34	34	34	-	4	4
CUT OR PUNCTURE	-	-	-	4	4	4	11	15	-	-	-	65	65	65	-	16	16
DISLOCATION	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14
DUST IN EYE	-	-	-	2	2	2	3	5	-	-	-	5	5	5	-	2	2
FRACTURE	-	-	-	15	15	15	4	19	-	-	-	481	481	481	-	32	32
HERNIA (NOT DISC)	-	-	1	-	1	1	-	1	-	-	50	-	50	50	50	-	50
RADIATION/ULTRA VIOLET	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
SCRATCH/ABRASION	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN	-	-	-	19	19	19	4	23	-	-	-	150	150	150	-	8	8
MULTIPLE INJURIES	1	-	-	10	10	11	3	14	6,000	-	-	161	161	6,161	-	16	560
UNCLASSIFIED (NO DATA)	-	-	-	5	5	5	-	5	-	-	-	137	137	137	-	27	27
TOTAL OR AVERAGE	3	-	2	70	72	75	29	104	18,000	-	110	1,075	1,185	19,185	55	15	256
TOTAL OR AVERAGE, SURFACE:																	
AMPUTATION/ENUCLEATION	-	-	1	-	1	1	-	1	-	-	60	-	60	60	60	-	60
ASPHYXIATION/DROWNING	2	-	-	-	-	2	-	2	12,000	-	-	-	-	12,000	-	-	6,000
BURN/SCALD (NOT CHEM.)	-	-	-	2	2	2	-	2	-	-	-	15	15	15	-	8	8
CONCUSSION (CEREBRAL)	-	-	-	2	2	2	-	2	-	-	-	10	10	10	-	5	5
CONTUSION OR BRUISE	-	-	-	9	9	9	3	12	-	-	-	34	34	34	-	4	4
CUT OR PUNCTURE	-	-	-	4	4	4	11	15	-	-	-	65	65	65	-	16	16
DISLOCATION	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14
DUST IN EYE	-	-	-	2	2	2	3	5	-	-	-	5	5	5	-	2	2
FRACTURE	-	-	-	15	15	15	4	19	-	-	-	481	481	481	-	32	32
HERNIA (NOT DISC)	-	-	1	-	1	1	-	1	-	-	50	-	50	50	50	-	50
RADIATION/ULTRA VIOLET	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
SCRATCH/ABRASION	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN	-	-	-	19	19	19	4	23	-	-	-	150	150	150	-	8	8
MULTIPLE INJURIES	1	-	-	10	10	11	3	14	6,000	-	-	161	161	6,161	-	16	560
UNCLASSIFIED (NO DATA)	-	-	-	5	5	5	-	5	-	-	-	137	137	137	-	27	27
TOTAL OR AVERAGE	3	-	2	70	72	75	29	104	18,000	-	110	1,075	1,185	19,185	55	15	256

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TABLE 11. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND NATURE OF INJURY AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
TOTAL OR AVERAGE, MINING:																	
AMPUTATION/ENUCLEATION	-	1	2	-	3	3	-	3	-	6,000	135	-	6,135	6,135	68	-	2,045
ASPHYXIATION/DROWNING	2	-	-	-	-	2	-	2	12,000	-	-	-	-	12,000	-	-	6,000
BURN/SCALD (NOT CHEM.)	-	-	-	2	2	2	-	2	-	-	-	15	15	15	-	8	8
CHEMICAL BURN	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
CONCUSSION (CEREBRAL)	-	-	-	2	2	2	-	2	-	-	-	10	10	10	-	5	5
CONTUSION OR BRUISE	1	-	-	13	13	14	5	19	6,000	-	-	495	495	6,495	-	38	464
CUT OR PUNCTURE	-	-	-	9	9	9	23	32	-	-	-	171	171	171	-	19	19
DISLOCATION	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14
DUST IN EYE	-	-	-	2	2	2	5	7	-	-	-	5	5	5	-	2	2
ELECTRIC SHOCK	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
ELECT. BURN (CONTACT)	-	-	-	1	1	1	-	1	-	-	-	225	225	225	-	225	225
FRACTURE	-	-	-	23	23	23	7	30	-	-	-	730	730	730	-	32	32
HERNIA (NOT DISC)	-	-	2	-	2	2	-	2	-	-	100	-	100	100	50	-	50
POISONING (SYSTEMIC)	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
RADIATION/ULTRA VIOLET	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
SCRATCH/ABRASION	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN	-	-	-	27	27	27	6	33	-	-	-	243	243	243	-	9	9
MULTIPLE INJURIES	1	-	-	17	17	18	8	26	6,000	-	-	658	658	6,658	-	39	370
OTHER INJURY, NEC	-	-	-	1	1	1	1	2	-	-	-	3	3	3	-	3	3
UNCLASSIFIED (NO DATA)	-	-	-	7	7	7	-	7	-	-	-	159	159	159	-	23	23
TOTAL OR AVERAGE	5	1	4	107	112	117	57	174	30,000	6,000	235	2,733	8,968	38,968	59	26	333
PROCESSING PLANTS:																	
CHEMICAL BURN	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CONCUSSION (CEREBRAL)	-	-	-	1	1	1	-	1	-	-	-	16	16	16	-	16	16
CONTUSION OR BRUISE	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
CUT OR PUNCTURE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
DUST IN EYE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FRACTURE	-	-	-	2	2	2	1	3	-	-	-	91	91	91	-	46	46
RADIATION/ULTRA VIOLET	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
STRAIN/SPRAIN	-	-	-	1	1	1	-	1	-	-	-	59	59	59	-	59	59
MULTIPLE INJURIES	-	-	-	2	2	2	1	3	-	-	-	174	174	174	-	87	87
UNCLASSIFIED (NO DATA)	-	-	-	2	2	2	1	3	-	-	-	6	6	6	-	3	3
TOTAL OR AVERAGE	-	-	-	10	10	10	6	16	-	-	-	362	362	362	-	36	36

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TABLE 11. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND NATURE OF INJURY AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																	
AMPUTATION/ENUCLEATION	-	1	2	-	3	3	-	3	-	6,000	135	-	6,135	6,135	68	-	2,045
ASPHYXIATION/DROWNING	2	-	-	-	-	2	-	2	12,000	-	-	-	-	12,000	-	-	6,000
BURN/SCALD (NOT CHEM.)	-	-	-	2	2	2	-	2	-	-	-	15	15	15	-	8	8
CHEMICAL BURN	-	-	-	1	1	1	1	2	-	-	-	2	2	2	-	2	2
CONCUSSION (CEREBRAL)	-	-	-	3	3	3	-	3	-	-	-	26	26	26	-	9	9
CONTUSION OR BRUISE	1	-	-	14	14	15	5	20	6,000	-	-	501	501	6,501	-	36	433
CUT OR PUNCTURE	-	-	-	9	9	9	24	33	-	-	-	171	171	171	-	19	19
DISLOCATION	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14
DUST IN EYE	-	-	-	2	2	2	6	8	-	-	-	5	5	5	-	2	2
ELECTRIC SHOCK	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
ELECT. BURN (CONTACT)	-	-	-	1	1	1	-	1	-	-	-	225	225	225	-	225	225
FRACTURE	-	-	-	25	25	25	8	33	-	-	-	821	821	821	-	33	33
HERNIA (NOT DISC)	-	-	2	-	2	2	-	2	-	-	100	-	100	100	50	-	50
POISONING (SYSTEMIC)	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
RADIATION/ULTRA VIOLET	-	-	-	2	2	2	-	2	-	-	-	13	13	13	-	6	6
SCRATCH/ABRASION	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN	-	-	-	28	28	28	6	34	-	-	-	302	302	302	-	11	11
MULTIPLE INJURIES	1	-	-	19	19	20	9	29	6,000	-	-	832	832	6,832	-	44	342
OTHER INJURY, NEC	-	-	-	1	1	1	1	2	-	-	-	3	3	3	-	3	3
UNCLASSIFIED (NO DATA)	-	-	-	9	9	9	1	10	-	-	-	165	165	165	-	18	18
TOTAL OR AVERAGE	5	1	4	117	122	127	63	190	30,000	6,000	235	3,095	9,330	39,330	59	26	310
OFFICE:																	
STRAIN/SPRAIN	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14
TOTAL OR AVERAGE	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14
GRAND TOTAL OR AVERAGE:																	
AMPUTATION/ENUCLEATION	-	1	2	-	3	3	-	3	-	6,000	135	-	6,135	6,135	68	-	2,045
ASPHYXIATION/DROWNING	2	-	-	-	-	2	-	2	12,000	-	-	-	-	12,000	-	-	6,000
BURN/SCALD (NOT CHEM.)	-	-	-	2	2	2	-	2	-	-	-	15	15	15	-	8	8
CHEMICAL BURN	-	-	-	1	1	1	1	2	-	-	-	2	2	2	-	2	2
CONCUSSION (CEREBRAL)	-	-	-	3	3	3	-	3	-	-	-	26	26	26	-	9	9
CONTUSION OR BRUISE	1	-	-	14	14	15	5	20	6,000	-	-	501	501	6,501	-	36	433
CUT OR PUNCTURE	-	-	-	9	9	9	24	33	-	-	-	171	171	171	-	19	19
DISLOCATION	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14
DUST IN EYE	-	-	-	2	2	2	6	8	-	-	-	5	5	5	-	2	2
ELECTRIC SHOCK	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
ELECT. BURN (CONTACT)	-	-	-	1	1	1	-	1	-	-	-	225	225	225	-	225	225
FRACTURE	-	-	-	25	25	25	8	33	-	-	-	821	821	821	-	33	33
HERNIA (NOT DISC)	-	-	2	-	2	2	-	2	-	-	100	-	100	100	50	-	50
POISONING (SYSTEMIC)	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
RADIATION/ULTRA VIOLET	-	-	-	2	2	2	-	2	-	-	-	13	13	13	-	6	6
SCRATCH/ABRASION	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN	-	-	-	29	29	29	6	35	-	-	-	316	316	316	-	11	11
MULTIPLE INJURIES	1	-	-	19	19	20	9	29	6,000	-	-	832	832	6,832	-	44	342
OTHER INJURY, NEC	-	-	-	1	1	1	1	2	-	-	-	3	3	3	-	3	3
UNCLASSIFIED (NO DATA)	-	-	-	9	9	9	1	10	-	-	-	165	165	165	-	18	18
TOTAL OR AVERAGE	5	1	4	118	123	128	63	191	30,000	6,000	235	3,109	9,344	39,344	59	26	307

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TABLE 12. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR PART OF BODY AND NATURE OF INJURY AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983

PART OF BODY AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
EYE:																	
CHEMICAL BURN	-	-	-	-	-	-	1	1	-	-	-	7	7	7	-	7	7
CONTUSION OR BRUISE	-	-	-	1	1	1	-	1	-	-	-	-	-	-	-	-	-
CUT OR PUNCTURE	-	-	-	-	-	-	1	1	-	-	-	5	5	5	-	2	2
DUST IN EYE	-	-	-	2	2	2	6	8	-	-	-	3	3	3	-	3	3
RADIATION/ULTRA VIOLET	-	-	-	1	1	1	-	1	-	-	-	-	-	-	-	-	-
SCRATCH/ABRASION	-	-	-	-	-	-	1	1	-	-	-	2	2	2	-	2	2
UNCLASSIFIED (NO DATA)	-	-	-	1	1	1	-	1	-	-	-	17	17	17	-	3	3
TOTAL OR AVERAGE	-	-	-	5	5	5	9	14	-	-	-	-	-	-	-	-	-
MOUTH/TEETH/TONGUE:																	
CUT OR PUNCTURE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FRACTURE	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
MULTIPLE INJURIES	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	-	-	-	4	4	-	-	-	-	-	-	-	-	-
NOSE:																	
CONTUSION OR BRUISE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FACE, NEC:																	
CUT OR PUNCTURE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HEAD, NEC:																	
CONCUSSION (CEREBRAL)	-	-	-	3	3	3	-	3	-	-	-	26	26	26	-	9	9
CUT OR PUNCTURE	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
FRACTURE	-	-	-	1	1	1	-	1	-	-	-	44	44	44	-	44	44
MULTIPLE INJURIES	-	-	-	1	1	1	-	1	-	-	-	29	29	29	-	29	29
TOTAL OR AVERAGE	-	-	-	5	5	5	3	8	-	-	-	99	99	99	-	20	20
NECK:																	
CUT OR PUNCTURE	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
STRAIN/SPRAIN	-	-	-	2	2	2	-	2	-	-	-	5	5	5	-	2	2
OTHER INJURY, NEC	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
TOTAL OR AVERAGE	-	-	-	4	4	4	-	4	-	-	-	10	10	10	-	2	2
UPPER ARM:																	
FRACTURE	-	-	-	1	1	1	-	1	-	-	-	43	43	43	-	43	43
TOTAL OR AVERAGE	-	-	-	1	1	1	-	1	-	-	-	43	43	43	-	43	43

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TABLE 12 - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR PART OF BODY AND NATURE OF INJURY AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

PART OF BODY AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
ELBOW:																	
CONTUSION OR BRUISE	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
FRACTURE	-	-	-	1	1	1	-	1	-	-	-	76	76	76	-	76	76
TOTAL OR AVERAGE	-	-	-	2	2	2	-	2	-	-	-	78	78	78	-	39	39
FOREARM:																	
CHEMICAL BURN	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
MULTIPLE INJURIES	-	-	-	1	1	1	-	1	-	-	-	27	27	27	-	27	27
TOTAL OR AVERAGE	-	-	-	2	2	2	-	2	-	-	-	29	29	29	-	14	14
WRIST:																	
CUT OR PUNCTURE	-	-	-	1	1	1	-	1	-	-	-	27	27	27	-	27	27
FRACTURE	-	-	-	1	1	1	-	1	-	-	-	51	51	51	-	51	51
TOTAL OR AVERAGE	-	-	-	2	2	2	-	2	-	-	-	78	78	78	-	39	39
HAND:																	
AMPUTATION/ENUCLEATION	-	1	-	-	1	1	-	1	-	6,000	-	-	6,000	6,000	-	-	6,000
CONTUSION OR BRUISE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CUT OR PUNCTURE	-	-	-	1	1	1	4	5	-	-	-	1	1	1	-	1	1
FRACTURE	-	-	-	4	4	4	-	4	-	-	-	203	203	203	-	51	51
STRAIN/SPRAIN	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
MULTIPLE INJURIES	-	-	-	2	2	2	-	2	-	-	-	63	63	63	-	32	32
OTHER INJURY, NEC	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	1	-	8	9	9	6	15	-	6,000	-	271	6,271	6,271	-	34	697
FINGER(S):																	
AMPUTATION/ENUCLEATION	-	-	2	-	2	2	-	2	-	-	135	-	135	135	68	-	68
CONTUSION OR BRUISE	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
CUT OR PUNCTURE	-	-	-	1	1	1	6	7	-	-	-	27	27	27	-	27	27
FRACTURE	-	-	-	3	3	3	4	7	-	-	-	34	34	34	-	11	11
MULTIPLE INJURIES	-	-	-	2	2	2	4	6	-	-	-	57	57	57	-	28	28
UNCLASSIFIED (NO DATA)	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
TOTAL OR AVERAGE	-	-	2	8	10	10	14	24	-	-	135	124	259	259	68	16	26
UPPER EXTREMITIES, NEC:																	
CUT OR PUNCTURE	-	-	-	1	1	1	2	3	-	-	-	17	17	17	-	17	17
FRACTURE	-	-	-	1	1	1	-	1	-	-	-	73	73	73	-	73	73
STRAIN/SPRAIN	-	-	-	1	1	1	-	1	-	-	-	15	15	15	-	15	15
MULTIPLE INJURIES	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
UNCLASSIFIED (NO DATA)	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
TOTAL OR AVERAGE	-	-	-	4	4	4	3	7	-	-	-	107	107	107	-	27	27

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TABLE 12. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR PART OF BODY AND NATURE OF INJURY AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

PART OF BODY AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
ABDOMEN:																	
CONTUSION OR BRUISE	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
TOTAL OR AVERAGE	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
BACK:																	
CONTUSION OR BRUISE	-	-	-	3	3	3	-	3	-	-	-	10	10	10	-	3	3
FRACTURE	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
STRAIN/SPRAIN	-	-	-	12	12	12	1	13	-	-	-	108	108	108	-	9	9
MULTIPLE INJURIES	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
UNCLASSIFIED (NO DATA)	-	-	-	2	2	2	-	2	-	-	-	124	124	124	-	62	62
TOTAL OR AVERAGE	-	-	-	19	19	19	1	20	-	-	-	253	253	253	-	13	13
CHEST:																	
MULTIPLE INJURIES	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
UNCLASSIFIED (NO DATA)	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
TOTAL OR AVERAGE	-	-	-	1	1	1	1	2	-	-	-	3	3	3	-	3	3
PELVIC REGION:																	
CUT OR PUNCTURE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FRACTURE	-	-	-	1	1	1	-	1	-	-	-	31	31	31	-	31	31
HERNIA (NOT DISC)	-	-	2	-	2	2	-	2	-	-	-	100	-	100	50	-	50
STRAIN/SPRAIN	-	-	-	1	1	1	1	2	-	-	-	-	44	44	-	44	44
TOTAL OR AVERAGE	-	-	2	2	4	4	2	6	-	-	100	75	175	175	50	38	44
SHOULDER(S):																	
CONTUSION OR BRUISE	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
DISLOCATION	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14
FRACTURE	-	-	-	1	1	1	-	1	-	-	-	26	26	26	-	26	26
MULTIPLE INJURIES	-	-	-	2	2	2	-	2	-	-	-	13	13	13	-	6	6
TOTAL OR AVERAGE	-	-	-	5	5	5	-	5	-	-	-	55	55	55	-	11	11
TRUNK, NEC:																	
UNCLASSIFIED (NO DATA)	-	-	-	1	1	1	-	1	-	-	-	8	8	8	-	8	8
TOTAL OR AVERAGE	-	-	-	1	1	1	-	1	-	-	-	8	8	8	-	8	8
THIGH:																	
CONTUSION OR BRUISE	-	-	-	2	2	2	-	2	-	-	-	183	183	183	-	92	92
CUT OR PUNCTURE	-	-	-	1	1	1	2	3	-	-	-	7	7	7	-	7	7
TOTAL OR AVERAGE	-	-	-	3	3	3	2	5	-	-	-	190	190	190	-	63	63

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TABLE 12. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR PART OF BODY AND NATURE OF INJURY AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

PART OF BODY AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
KNEE:																	
CONTUSION OR BRUISE	-	-	-	1	1	1	-	1	-	-	-	11	11	11	-	11	11
CUT OR PUNCTURE	-	-	-	1	1	1	1	2	-	-	-	19	19	19	-	19	19
FRACTURE	-	-	-	2	2	2	-	2	-	-	-	83	83	83	-	42	42
STRAIN/SPRAIN	-	-	-	3	3	3	2	5	-	-	-	42	42	42	-	14	14
MULTIPLE INJURIES	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
UNCLASSIFIED (NO DATA)	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	7	7	7	5	12	-	-	-	155	155	155	-	22	22
LOWER LEG:																	
FRACTURE	-	-	-	1	1	1	-	1	-	-	-	70	70	70	-	70	70
TOTAL OR AVERAGE	-	-	-	1	1	1	-	1	-	-	-	70	70	70	-	70	70
ANKLE:																	
CONTUSION OR BRUISE	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
FRACTURE	-	-	-	1	1	1	-	1	-	-	-	7	7	7	-	7	7
STRAIN/SPRAIN	-	-	-	6	6	6	2	8	-	-	-	90	90	90	-	15	15
TOTAL OR AVERAGE	-	-	-	8	8	8	2	10	-	-	-	99	99	99	-	12	12
FOOT:																	
CONTUSION OR BRUISE	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
CUT OR PUNCTURE	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
FRACTURE	-	-	-	5	5	5	1	6	-	-	-	69	69	69	-	14	14
TOTAL OR AVERAGE	-	-	-	5	5	5	5	10	-	-	-	69	69	69	-	14	14
TOE(S):																	
CUT OR PUNCTURE	-	-	-	1	1	1	-	1	-	-	-	15	15	15	-	15	15
FRACTURE	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1
TOTAL OR AVERAGE	-	-	-	2	2	2	1	3	-	-	-	16	16	16	-	8	8
LOWER EXTREMITIES, NEC:																	
CONTUSION OR BRUISE	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
UNCLASSIFIED (NO DATA)	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
TOTAL OR AVERAGE	-	-	-	2	2	2	-	2	-	-	-	13	13	13	-	6	6
BODY SYSTEMS:																	
ASPHYXIATION/DROWNING	2	-	-	-	-	2	-	2	12,000	-	-	-	-	12,000	-	-	6,000
ELECTRIC SHOCK	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
POISONING (SYSTEMIC)	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	3	-	-	-	-	3	1	4	18,000	-	-	-	-	18,000	-	-	6,000

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TABLE 12. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR PART OF BODY AND NATURE OF INJURY AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

PART OF BODY AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
MULTIPLE PARTS OF BODY:																	
BURN/SCALD (NOT CHEM.)	-	-	-	2	2	2	-	2	-	-	-	15	15	15	-	8	8
CONTUSION OR BRUISE	1	-	-	1	1	2	1	3	6,000	-	-	276	276	6,276	-	276	3,138
CUT OR PUNCTURE	-	-	-	1	1	1	-	1	-	-	-	56	56	56	-	56	56
ELECT. BURN (CONTACT)	-	-	-	1	1	1	-	1	-	-	-	225	225	225	-	225	225
RADIATION/ULTRA VIOLET	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
STRAIN/SPRAIN	-	-	-	3	3	3	-	3	-	-	-	8	8	8	-	3	3
MULTIPLE INJURIES	1	-	-	10	10	11	1	12	6,000	-	-	642	642	6,642	-	64	604
UNCLASSIFIED (NO DATA)	-	-	-	1	1	1	-	1	-	-	-	12	12	12	-	12	12
TOTAL OR AVERAGE	2	-	-	20	20	22	2	24	12,000	-	-	1,244	1,244	13,244	-	62	602
TOTAL OR AVERAGE:																	
AMPUTATION/ENUCLEATION	-	1	2	-	3	3	-	3	-	6,000	135	-	6,135	6,135	68	-	2,045
ASPHYXIATION/DROWNING	2	-	-	-	-	2	-	2	12,000	-	-	-	-	12,000	-	-	6,000
BURN/SCALD (NOT CHEM.)	-	-	-	2	2	2	-	2	-	-	-	15	15	15	-	8	8
CHEMICAL BURN	-	-	-	1	1	1	1	2	-	-	-	2	2	2	-	2	2
CONCUSSION (CEREBRAL)	-	-	-	3	3	3	-	3	-	-	-	26	26	26	-	9	9
CONTUSION OR BRUISE	1	-	-	14	14	15	5	20	6,000	-	-	501	501	6,501	-	36	433
CUT OR PUNCTURE	-	-	-	9	9	9	24	33	-	-	-	171	171	171	-	19	19
DISLOCATION	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14
DUST IN EYE	-	-	-	2	2	2	6	8	-	-	-	5	5	5	-	2	2
ELECTRIC SHOCK	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
ELECT. BURN (CONTACT)	-	-	-	1	1	1	-	1	-	-	-	225	225	225	-	225	225
FRACTURE	-	-	-	25	25	25	8	33	-	-	-	821	821	821	-	33	33
HERNIA (NOT DISC)	-	-	2	-	2	2	-	2	-	-	100	-	100	100	50	-	50
POISONING (SYSTEMIC)	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
RADIATION/ULTRA VIOLET	-	-	-	2	2	2	-	2	-	-	-	13	13	13	-	6	6
SCRATCH/ABRASION	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN	-	-	-	29	29	29	6	35	-	-	-	316	316	316	-	11	11
MULTIPLE INJURIES	1	-	-	19	19	20	9	29	6,000	-	-	832	832	6,832	-	44	342
OTHER INJURY, NEC	-	-	-	1	1	1	1	2	-	-	-	3	3	3	-	3	3
UNCLASSIFIED (NO DATA)	-	-	-	9	9	9	1	10	-	-	-	165	165	165	-	18	18
TOTAL OR AVERAGE	5	1	4	118	123	128	63	191	30,000	6,000	235	3,109	9,344	39,344	59	26	307

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TABLE 13. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983

WORK LOCATION AND STATE	ELECTRICAL			ENTRAPMENT			EXPLODING VESSELS UNDER PRESSURE			EXPLOSIVES AND BREAKING AGENTS			FALLING, ROLLING OR SLIDING MATERIAL			FALL OF FACE RIB, SIDE OR HIGHWALL			FALL OF ROOF (UNDERGROUND MINES ONLY)			FIRE			HANDLING MATERIAL			HANDTOOLS			NONPOWERED HAULAGE		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL
UNDERGROUND MINES:																																	
UNDERGROUND:																																	
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-	-	-	-
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	1	-	-	1	-	-	-	-
IDAHO	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	1	-	-	-
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	1	-	-	-	-	-	-
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	2	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	1	1	3	1	-	-	-	6	7	-	2	1	-	-	-
SURFACE AT UG:																																	
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
IDAHO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
MISSOURI	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	-	-	-	-	-	-	-
WYOMING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
TOTAL	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	3	1	-	-	2	-	-	1
TOTAL UNDERGROUND:																																	
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	2	-	-	1	-	-	-	-
IDAHO	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	2	-	-	-
MISSOURI	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	1	-	-	-	-	-	-
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	5	-	-	-	-	-	-	-
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	2	-	-	-	-	-	-
WYOMING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
TOTAL	1	1	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	1	1	3	1	-	1	-	-	9	8	-	2	3	-	-	1
SURFACE MINES:																																	
OPEN PIT:																																	
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	2	-	1	1	-	-	-
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
IDAHO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	5	5	-	4	2	-	-	-
MINNESOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	4	-	-	4	-	-	-
NEW MEX CO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	2	-	-	-	-
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	21	11	-	8	8	-	-	-

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TABLE 13. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE			HOISTING			IGNITION OR EXPLOSION OF GAS OR DUST			IMPOUNDMENT			INUNDATION			MACHINERY			SLIPS OR FALLS OF PERSONS			STEPPING OR KNEELING ON OBJECT			STRIKING OR BUMPING			OTHER			TOTAL		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL
UNDERGROUND MINES:																																	
UNDERGROUND:																																	
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	4	-
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COLORADO	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	10	-
IDAHO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	3	-
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	-	1	1	-	-	-	-	-	-	-	-	-	-	4	1
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UTAH	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	3	1
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
TOTAL	-	2	1	-	1	-	-	-	-	-	-	-	-	-	-	10	7	-	-	5	2	-	1	-	-	-	-	-	1	32	21	1
SURFACE AT UG:																																	
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IDAHO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-
MISSOURI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	2	-
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WYOMING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2	3	-	-	-	-	-	-	-	-	-	1	8	1
TOTAL UNDERGROUND:																																	
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	3	1	-	-	-	-	-	-	-	-	-	-	5	1
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COLORADO	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	11	1
IDAHO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-	4	1
MISSOURI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	3	1
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	-	3	1	-	-	-	-	-	-	-	-	-	-	6	2
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UTAH	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	3	1
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-
WYOMING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
TOTAL	-	2	1	-	1	-	-	-	-	-	-	-	-	-	-	11	7	-	-	7	5	-	1	-	-	-	-	-	-	-	2	40	8
SURFACE MINES:																																	
OPEN PIT:																																	
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	2	-
ARIZONA	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	5	1	-	-	2	-	-	2	1	-	-	-	-	-	-	-	22	5
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	2	-
IDAHO	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	-	10	3	-	-	-	-	-	-	-	-	-	-	25	11
MINNESOTA	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	5	-
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	1	-	1	-	-	-	-	-	-	-	-	5	1
NEVADA	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	10	2
NEW MEXICO	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	3	2
UTAH	-	9	2	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	-	17	4	-	4	2	-	-	-	2	1	-	3	72	29

BEST COPY AVAILABLE

TABLE 13. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND STATE	ELECTRICAL			ENTRAPMENT			EXPLODING VESSELS UNDER PRESSURE			EXPLOSIVES AND BREAKING AGENTS			FALLING, ROLLING OR SLIDING MATERIAL			FALL OF FACE RIB, SIDE OR HIGHWALL			FALL OF ROOF (UNDERGROUND MINES ONLY)			FIRE			HANDLING MATERIAL			HANDTOOLS			NONPOWERED HAULAGE		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL
TOTAL SURFACE:																																	
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	2	-	-	1	1	-	-	-
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
IDAHO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	5	5	-	-	4	2	-	-	-
MINNESOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	4	-	-	4	-	-	-	-
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	2	-	-	-	-
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	21	11	-	-	8	8	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL MINING:																																	
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	2	-	-	2	1	-	-	-
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	-	-	-	-	-	-
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	2	-	-	-	1	-	-	-	-
IDAHO	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	1	-	6	6	-	-	4	4	-	-	-
MINNESOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
MISSOURI	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	3	5	-	-	4	-	-	-	-
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	-	2	-	-	-	1
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	6	-	-	-	-	-	-	-	-
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	2	-	-	-	-	-	-	-
WYOMING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
TOTAL	1	1	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	1	1	3	1	-	2	-	30	19	-	10	11	-	-	1
PROCESSING PLANTS:																																	
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
MINNESOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
NEVADA	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIRGIN ISLANDS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	2	-	-	-
TOTAL MINES AND PLNTS:																																	
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	3	-	-	2	1	-	-	-
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	-	-	-	-	-	-
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	2	-	-	-	1	-	-	-	-
IDAHO	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	1	-	6	6	-	-	4	4	-	-	-
MINNESOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-
MISSOURI	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-
NEVADA	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	3	5	-	-	4	-	-	-	-
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	-	2	1	-	-	1
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	6	-	-	-	-	-	-	-	-
VIRGIN ISLANDS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	2	-	-	-	-	-	-	-
WYOMING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
TOTAL	1	2	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	1	1	3	1	-	2	-	31	20	-	10	13	-	-	1

TABLE 13. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE			HOISTING			IGNITION OR EXPLOSION OF GAS OR DUST			IMPOUNDMENT			INUNDATION			MACHINERY			SLIPS OR FALLS OF PERSONS			STEPPING OR KNEELING ON OBJECT			STRIKING OR BUMPING			OTHER			TOTAL		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL
TOTAL SURFACE:																																	
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	2	-	-
ARIZONA	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	1	-	2	-	-	2	1	-	-	-	-	-	-	-	22	5
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	2	-
IDAHO	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	10	3	-	-	-	-	-	-	-	-	-	-	25	11
MINNESOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
MONTANA	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	1	-	-	-	-	-	-	-	-	-	-	-	5	-
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	1	-	-	1	-	-	-	-	-	-	-	5	10
NEW MEXICO	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	1	-	-	10	2
UTAH	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	1	-	-	-	-	-	-	-	1	3	2
TOTAL	-	9	2	-	-	-	-	-	-	-	-	-	-	-	-	1	11	2	-	17	4	-	4	2	-	-	-	2	1	-	3	72	29
TOTAL MINING:																																	
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	2	-	-
ARIZONA	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	1	-	5	1	-	2	1	-	-	-	-	-	-	-	27	6
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	2	-
COLORADO	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	1	1	-	-	1	-	-	-	-	-	-	-	11	3
IDAHO	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	-	10	4	-	-	-	-	-	-	-	-	-	-	29	17
MINNESOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
MISSOURI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-
MONTANA	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1	-	2	-	-	-	-	-	-	-	-	-	-	-	8	1
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	1	-	-	1	-	-	-	-	-	-	1	5	13
NEW MEXICO	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	4	1	-	1	-	-	-	-	-	1	-	-	16	4
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
UTAH	-	-	2	-	1	-	-	-	-	-	-	-	-	-	-	1	1	-	-	1	1	-	1	-	-	-	-	-	-	-	1	11	4
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	4
WYOMING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
TOTAL	-	11	3	-	1	-	-	-	-	-	-	-	-	-	-	1	22	9	-	24	9	-	4	3	-	-	-	2	1	-	5	112	57
PROCESSING PLANTS:																																	
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-
MINNESOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	1	-	-	-	-	-	-	-	1	-	-	3	1
UTAH	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIRGIN ISLANDS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	2	-
TOTAL	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	5	1	-	-	-	-	-	-	-	1	-	-	10	6
TOTAL MINES AND PLNTS:																																	
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	2	-	-
ARIZONA	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	1	-	6	1	-	2	1	-	-	-	-	-	-	-	28	7
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	2	-
COLORADO	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	1	1	-	-	1	-	-	-	-	-	-	-	11	3
IDAHO	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	-	10	4	-	-	-	-	-	-	-	-	-	-	29	17
MINNESOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1
MISSOURI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-
MONTANA	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1	-	2	-	-	-	-	-	-	-	-	-	-	-	9	1
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	1	-	-	1	-	-	-	-	-	-	1	6	13
NEW MEXICO	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	-	6	2	-	1	-	-	-	-	-	2	-	-	19	7
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
UTAH	-	-	3	-	1	-	-	-	-	-	-	-	-	-	-	1	1	1	-	1	1	-	1	-	-	-	-	-	-	-	1	11	5
VIRGIN ISLANDS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	2	-
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	4
WYOMING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
TOTAL	-	11	4	-	1	-	-	-	-	-	-	-	-	-	-	1	24	10	-	29	10	-	4	3	-	-	-	2	2	-	5	122	63

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TABLE 13. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND STATE	ELECTRICAL			ENTRAPMENT			EXPLODING VESSELS UNDER PRESSURE			EXPLOSIVES AND BREAKING AGENTS			FALLING, ROLLING OR SLIDING MATERIAL			FALL OF FACE RIB, SIDE OR HIGHWALL			FALL OF ROOF (UNDERGROUND MINES ONLY)			FIRE			HANDLING MATERIAL			HANDTOOLS			NONPOWERED HAULAGE		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL
OFFICE:																																	
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL:																																	
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	3	-	2	1	-	-	-
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	-	-	-	-	-
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	2	-	-	1	-	-	-	-
COLORADO	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	6	6	-	4	4	-	-	-
IDAHO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-
MINNESOTA	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MISSOURI	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	3	5	-	4	-	-	-	-
NEVADA	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	2	1	-	-	1
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-
VIRGIN ISLANDS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WYOMING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	1	2	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	1	1	3	1	-	2	-	-	31	20	-	10	13	-	-	1

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TABLE 13. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE			HOISTING			IGNITION OR EXPLOSION OF GAS OR DUST			IMPOUNDMENT			INUNDATION			MACHINERY			SLIPS OR FALLS OF PERSONS			STEPPING OR KNEELING ON OBJECT			STRIKING OR BUMPING			OTHER			TOTAL		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL
OFFICE:																																	
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-
GRAND TOTAL:																																	
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARIZONA	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	1	-	6	1	-	2	1	-	-	-	2	-	-	2	7	1
CALIFORNIA	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	1	-	-	-	1	-	-	-	-	-	-	-	5	1
COLORADO	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	1	-	-	-	-	-	-	-	-	-	-	3	1
IDAHO	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	3	-	10	4	-	-	-	-	-	-	-	-	-	-	15	7
MINNESOTA	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-
MISSOURI	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1	-	2	-	-	-	-	-	-	-	-	-	-	-	7	1
MONTANA	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	1	-	-	1	-	-	-	-	-	-	1	6	3
NEVADA	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	-	7	2	-	1	-	-	-	-	-	2	-	-	20	7
NEW MEXICO	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	1	1	-	1	1	-	1	-	-	-	-	-	-	-	1	1	1
OREGON	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	2	-
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-
VIRGIN ISLANDS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	2	1
WYOMING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	11	4	-	1	-	-	-	-	-	-	-	-	-	-	1	24	10	-	30	10	-	4	3	-	-	-	2	2	-	5	123	63

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TABLE 14. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND STATE AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983

WORK LOCATION AND STATE	ELECTRICAL		ENTRAPMENT		EXPLODING VESSELS UNDER PRESSURE		EXPLOSIVES AND BREAKING AGENTS		FALLING, ROLLING OR SLIDING MATERIAL		FALL OF FACE RIB, SIDE OR HIGHWALL		FALL OF ROOF (UNDERGROUND MINES ONLY)		FIRE		HANDLING MATERIAL		HANDTOOLS		NONPOWERED HAULAGE	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
UNDERGROUND MINES:																						
UNDERGROUND:																						
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	15	-	6	-	-
IDAHO	-	-	-	-	-	-	-	133	-	-	-	-	-	-	-	-	-	50	-	-	-	-
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	6,000	-	-	-	-	-	-	-	-	-
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-	-	-
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	360	-	-	-	-
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	133	-	-	-	-	6,000	5	-	-	-	432	-	13	-	-
SURFACE AT UG:																						
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44	-	-	-	-
MISSOURI	6,000	225	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000	-	185	-	-	-	-
TOTAL	6,000	225	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000	-	229	-	-	-	-
TOTAL UNDERGROUND:																						
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	59	-	6	-	-
IDAHO	-	-	-	-	-	-	-	133	-	-	-	-	-	-	-	-	-	50	-	-	-	-
MISSOURI	6,000	225	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	6,000	-	-	-	-	-	-	-	-	-
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-	-	-
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000	-	545	-	-	-	-
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	6,000	225	-	-	-	-	-	133	-	-	-	-	6,000	5	-	6,000	-	661	-	13	-	-
SURFACE MINES:																						
OPEN PIT:																						
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	148	-	2	-	-
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-
IDAHO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	40	-	46	-	-
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	68	-	-	-	-
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54	-	23	-	-
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	325	-	72	-	-
TOTAL SURFACE:																						
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	148	-	2	-	-
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-
IDAHO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	40	-	46	-	-
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	68	-	-	-	-
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54	-	23	-	-
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	325	-	72	-	-

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TABLE 14. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND STATE AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE		HOISTING		IGNITION OR EXPLOSION OF GAS OR DUST		IMPOUNDMENT		INUNDATION		MACHINERY		SLIPS OR FALLS OF PERSONS		STEPPING OR KNEELING ON OBJECT		STRIKING OR BUMPING		OTHER		TOTAL	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
UNDERGROUND MINES:																						
UNDERGROUND:																						
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	58	-	-	-	-	-	-	-	65
COLORADO	-	57	-	-	-	-	-	-	-	-	-	19	-	-	-	-	-	-	-	-	-	102
IDAHO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	183
MONTANA	-	-	-	-	-	-	-	-	-	-	-	3	-	25	-	-	-	-	-	-	-	28
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000	-
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	24	-	276	-	-	-	-	-	-	-	300
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7
UTAH	-	-	-	26	-	-	-	-	-	-	-	27	-	-	-	-	-	-	-	-	-	413
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	44	-	-	-	-	-	-	-	-	-	44
TOTAL	-	57	-	26	-	-	-	-	-	-	-	117	-	359	-	-	-	-	-	-	6,000	1,142
SURFACE AT UG:																						
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	176	-	-	-	-	-	-	-	-	-	176
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44
MISSOURI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000	225
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-	-	-	-	11
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,185
TOTAL	-	-	-	-	-	-	-	-	-	-	-	176	-	11	-	-	-	-	-	-	6,000	6,641
TOTAL UNDERGROUND:																						
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	176	-	58	-	-	-	-	-	-	-	241
COLORADO	-	57	-	-	-	-	-	-	-	-	-	19	-	-	-	-	-	-	-	-	-	146
IDAHO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	183
MISSOURI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000	225
MONTANA	-	-	-	-	-	-	-	-	-	-	-	3	-	25	-	-	-	-	-	-	-	28
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000	-
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	24	-	287	-	-	-	-	-	-	-	311
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7
UTAH	-	-	-	26	-	-	-	-	-	-	-	27	-	-	-	-	-	-	-	-	-	6,598
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	44	-	-	-	-	-	-	-	-	-	44
TOTAL	-	57	-	26	-	-	-	-	-	-	-	293	-	370	-	-	-	-	-	-	12,000	7,783
SURFACE MINES:																						
OPEN PIT:																						
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12,000	-	12,000	-
ARIZONA	-	80	-	-	-	-	-	-	-	-	-	88	-	21	-	30	-	-	-	-	-	369
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	27	-	-	-	-	-	-	-	38
IDAHO	-	33	-	-	-	-	-	-	-	-	-	91	-	144	-	-	-	-	-	-	-	368
MONTANA	-	70	-	-	-	-	-	-	-	-	-	6	-	94	-	-	-	-	-	-	-	171
NEVADA	-	-	-	-	-	-	-	-	-	-	-	52	-	4	-	-	-	-	-	-	-	124
NEW MEXICO	-	6	-	-	-	-	-	-	-	-	-	-	-	2	-	5	-	-	-	6	-	96
UTAH	-	-	-	-	-	-	-	-	-	-	6,000	-	-	8	-	7	-	-	-	-	6,000	19
TOTAL	-	189	-	-	-	-	-	-	-	-	6,000	237	-	300	-	42	-	-	12,000	6	18,000	1,185
TOTAL SURFACE:																						
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12,000	-	12,000	-
ARIZONA	-	80	-	-	-	-	-	-	-	-	-	88	-	21	-	30	-	-	-	-	-	369
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	27	-	-	-	-	-	-	-	38
IDAHO	-	33	-	-	-	-	-	-	-	-	-	91	-	144	-	-	-	-	-	-	-	368
MONTANA	-	70	-	-	-	-	-	-	-	-	-	6	-	94	-	-	-	-	-	-	-	171
NEVADA	-	-	-	-	-	-	-	-	-	-	-	52	-	4	-	-	-	-	-	-	-	124
NEW MEXICO	-	6	-	-	-	-	-	-	-	-	-	-	-	2	-	5	-	-	-	6	-	96
UTAH	-	-	-	-	-	-	-	-	-	-	6,000	-	-	8	-	7	-	-	-	-	6,000	19
TOTAL	-	189	-	-	-	-	-	-	-	-	6,000	237	-	300	-	42	-	-	12,000	6	18,000	1,185

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TABLE 14. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND STATE AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND STATE	ELECTRICAL		ENTRAPMENT		EXPLODING VESSELS UNDER PRESSURE		EXPLOSIVES AND BREAKING AGENTS		FALLING, ROLLING OR SLIDING MATERIAL		FALL OF FACE RIB, SIDE OR HIGHWALL		FALL OF ROOF (UNDERGROUND MINES ONLY)		FIRE		HANDLING MATERIAL		HANDTOOLS		NONPOWERED HAULAGE	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
TOTAL MINING:																						
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	148	-	9	-	-
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	59	-	6	-	-
IDAHO	-	-	-	-	-	-	-	133	-	-	-	-	-	-	-	14	-	90	-	46	-	-
MISSOURI	6,000	225	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	6,000	-	-	-	-	68	-	-	-	-
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54	-	23	-	-
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-	-	-
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000	-	549	-	-	-	-
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	6,000	225	-	-	-	-	-	133	-	-	-	-	6,000	5	-	6,014	-	986	-	85	-	-
PROCESSING PLANTS:																						
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MINNESOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	59	-	-	-	-
NEVADA	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIRGIN ISLANDS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	59	-	-	-	-
TOTAL MINES AND PLNTS:																						
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	148	-	9	-	-
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	59	-	6	-	-
IDAHO	-	-	-	-	-	-	-	133	-	-	-	-	-	-	-	14	-	90	-	46	-	-
MINNESOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MISSOURI	6,000	225	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	59	-	1	-	-
NEVADA	-	10	-	-	-	-	-	-	-	-	-	-	6,000	-	-	-	-	68	-	-	-	-
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54	-	23	-	-
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-	-	-
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000	-	549	-	-	-	-
VIRGIN ISLANDS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	6,000	235	-	-	-	-	-	133	-	-	-	-	6,000	5	-	6,014	-	1,045	-	85	-	-
OFFICE:																						
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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TABLE 14. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND STATE AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE		HOISTING		IGNITION OR EXPLOSION OF GAS OR DUST		IMPOUNDMENT		INUNDATION		MACHINERY		SLIPS OR FALLS OF PERSONS		STEPPING OR KNEELING ON OBJECT		STRIKING OR BUMPING		OTHER		TOTAL	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
TOTAL MINING:																						
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12,000	-	12,000	-
ARIZONA	-	80	-	-	-	-	-	-	-	-	-	264	-	79	-	30	-	-	-	-	-	610
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	27	-	-	-	-	-	-	-	38
COLORADO	-	57	-	-	-	-	-	-	-	-	-	19	-	-	-	-	-	-	-	-	-	146
IDAHO	-	33	-	-	-	-	-	-	-	-	-	91	-	144	-	-	-	-	-	-	-	551
MISSOURI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000	225
MONTANA	-	70	-	-	-	-	-	-	-	-	-	9	-	119	-	-	-	-	-	-	-	199
NEVADA	-	-	-	-	-	-	-	-	-	-	-	52	-	4	-	-	-	-	-	-	6,000	124
NEW MEXICO	-	6	-	-	-	-	-	-	-	-	-	24	-	289	-	5	-	-	-	6	-	407
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7
UTAH	-	-	-	26	-	-	-	-	-	-	6,000	27	-	8	-	7	-	-	-	-	6,000	6,617
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	44	-	-	-	-	-	-	-	-	-	44
TOTAL	-	246	-	26	-	-	-	-	-	-	6,000	530	-	670	-	42	-	-	12,000	6	30,000	8,968
PROCESSING PLANTS:																						
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	6
MINNESOTA	-	-	-	-	-	-	-	-	-	-	-	166	-	-	-	-	-	-	-	-	-	166
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	59
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	91	-	-	-	-	-	4	-	95
VIRGIN ISLANDS	-	-	-	-	-	-	-	-	-	-	-	-	-	26	-	-	-	-	-	-	-	26
TOTAL	-	-	-	-	-	-	-	-	-	-	-	166	-	123	-	-	-	-	-	4	-	362
TOTAL MINES AND PLNTS:																						
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12,000	-	12,000	-
ARIZONA	-	80	-	-	-	-	-	-	-	-	-	264	-	85	-	30	-	-	-	-	-	616
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	27	-	-	-	-	-	-	-	38
COLORADO	-	57	-	-	-	-	-	-	-	-	-	19	-	-	-	-	-	-	-	-	-	146
IDAHO	-	33	-	-	-	-	-	-	-	-	-	91	-	144	-	-	-	-	-	-	-	551
MINNESOTA	-	-	-	-	-	-	-	-	-	-	-	166	-	-	-	-	-	-	-	-	-	166
MISSOURI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000	225
MONTANA	-	70	-	-	-	-	-	-	-	-	-	9	-	119	-	-	-	-	-	-	-	258
NEVADA	-	-	-	-	-	-	-	-	-	-	-	52	-	4	-	-	-	-	-	-	6,000	134
NEW MEXICO	-	6	-	-	-	-	-	-	-	-	-	24	-	380	-	5	-	-	-	10	-	502
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7
UTAH	-	-	-	26	-	-	-	-	-	-	6,000	27	-	8	-	7	-	-	-	-	6,000	6,617
VIRGIN ISLANDS	-	-	-	-	-	-	-	-	-	-	-	-	-	26	-	-	-	-	-	-	-	26
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	44	-	-	-	-	-	-	-	-	-	44
TOTAL	-	246	-	26	-	-	-	-	-	-	6,000	696	-	793	-	42	-	-	12,000	10	30,000	9,330
OFFICE:																						
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-	-	-	-	-	14
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-	-	-	-	-	14

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TABLE 14. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND STATE AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND STATE	ELECTRICAL		ENTRAPMENT		EXPLODING VESSELS UNDER PRESSURE		EXPLOSIVES AND BREAKING AGENTS		FALLING, ROLLING OR SLIDING MATERIAL		FALL OF FACE RIB, SIDE OR HIGHWALL		FALL OF ROOF (UNDERGROUND MINES ONLY)		FIRE		HANDLING MATERIAL		HANDTOOLS		NONPOWERED HAULAGE	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
GRAND TOTAL:																						
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	148	-	9	-	-
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	59	-	6	-	-
IDAHO	-	-	-	-	-	-	-	133	-	-	-	-	-	-	-	14	-	90	-	46	-	-
MINNESOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MISSOURI	6,000	225	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	59	-	1	-	-
NEVADA	-	10	-	-	-	-	-	-	-	-	-	-	6,000	-	-	-	-	68	-	-	-	-
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54	-	23	-	-
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-	-	-
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000	-	549	-	-	-	-
VIRGIN ISLANDS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	6,000	235	-	-	-	-	-	133	-	-	-	-	6,000	5	-	6,014	-	1,045	-	85	-	-

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TABLE 14. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND STATE AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE		HOISTING		IGNITION OR EXPLOSION OF GAS OR DUST		IMPOUNDMENT		INUNDATION		MACHINERY		SLIPS OR FALLS OF PERSONS		STEPPING OR KNEELING ON OBJECT		STRIKING OR BUMPING		OTHER		TOTAL	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
GRAND TOTAL:																						
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12,000	-	12,000	-
ARIZONA	-	80	-	-	-	-	-	-	-	-	-	264	-	85	-	30	-	-	-	-	-	616
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	27	-	-	-	-	-	-	-	38
COLORADO	-	57	-	-	-	-	-	-	-	-	-	19	-	-	-	-	-	-	-	-	-	146
IDAHO	-	33	-	-	-	-	-	-	-	-	-	91	-	144	-	-	-	-	-	-	-	551
MINNESOTA	-	-	-	-	-	-	-	-	-	-	-	166	-	-	-	-	-	-	-	-	-	166
MISSOURI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000	225
MONTANA	-	70	-	-	-	-	-	-	-	-	-	9	-	119	-	-	-	-	-	-	-	258
NEVADA	-	-	-	-	-	-	-	-	-	-	-	52	-	4	-	-	-	-	-	-	6,000	134
NEW MEXICO	-	6	-	-	-	-	-	-	-	-	-	24	-	394	-	5	-	-	-	10	-	516
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7
UTAH	-	-	-	26	-	-	-	-	-	-	6,000	27	-	8	-	7	-	-	-	-	6,000	6,617
VIRGIN ISLANDS	-	-	-	-	-	-	-	-	-	-	-	-	-	26	-	-	-	-	-	-	-	26
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	44	-	-	-	-	-	-	-	-	-	44
TOTAL	-	246	-	26	-	-	-	-	-	-	6,000	696	-	807	-	42	-	-	12,000	10	30,000	9,344

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TABLE 13. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND TYPE OF MINERAL AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983

WORK LOCATION AND TYPE OF MINERAL	ELECTRICAL			ENTRAPMENT			EXPLODING VESSELS UNDER PRESSURE			EXPLOSIVES AND BREAKING AGENTS			FALLING, ROLLING OR SLIDING MATERIAL			FALL OF FACE RIB, SIDE OR HIGHWALL			FALL OF ROOF (UNDERGROUND MINES ONLY)			FIRE			HANDLING MATERIAL			HANDTOOLS			NONPOWERED HAULAGE		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL
UNDERGROUND MINES:																																	
UNDERGROUND:																																	
COPPER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	1	-	-	-	-
GOLD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	-	-	-	1	4	-	1	-	-	-	-
LEAD-ZINC	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	1	-	-	-
MOLYBDENUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	1	1	-	-	-	-	-	-
PLATINUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SILVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
URANIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-
OTHER METALS, NEC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	1	1	3	1	-	-	-	6	7	-	2	1	-	-	-
SURFACE AT UG:																																	
COPPER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-
GOLD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
LEAD-ZINC	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
SILVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	1	-	-	-
URANIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1
OTHER METALS, NEC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
TOTAL	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	3	1	-	-	2	-	-	1
TOTAL UNDERGROUND:																																	
COPPER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	-	-	-	5	5	-	1	-	-	-	-
GOLD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	-	-	-	1	5	-	1	-	-	-	-
LEAD-ZINC	1	1	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	2	-	-	-
MOLYBDENUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	1	1	-	-	-	-	-	-
PLATINUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SILVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	1	-	-	-
URANIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1	-	-	1
OTHER METALS, NEC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
TOTAL	1	1	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	1	1	3	1	-	1	-	9	8	-	2	3	-	-	1
SURFACE MINES:																																	
OPEN PIT:																																	
COPPER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	1	-	2	-	-	-	-
GOLD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	4	-	3	-	-	-	-
IRON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOLYBDENUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	5	2	-	3	1	-	-	-
SILVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	1	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	21	11	-	8	8	-	-	-

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TABLE 15. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND TYPE OF MINERAL AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND TYPE OF MINERAL	POWERED HAULAGE			HOISTING			IGNITION OR EXPLOSION OF GAS OR DUST			IMPOUNDMENT			INUNDATION			MACHINERY			SLIPS OR FALLS OF PERSONS			STEPPING OR KNEELING ON OBJECT			STRIKING OR BUMPING			OTHER			TOTAL		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL
UNDERGROUND MINES:																																	
UNDERGROUND:																																	
COPPER	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	4	2	-	2	2	-	-	-	-	-	-	-	-	-	11	4	
GOLD	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	-	-	-	-	1	-	-	-	-	-	-	8	7	
LEAD-ZINC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	5	3	
MOLYBDENUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1	
PLATINUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	-	-	-	-	-	-	-	-	-	2	1	
SILVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1	
URANIUM	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	2	2	
OTHER METALS, NEC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL	-	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	10	7	-	5	2	-	-	1	-	-	-	-	-	-	1	32	21
SURFACE AT UG:																																	
COPPER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	3	1	
GOLD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	
LEAD-ZINC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	1	
SILVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	4	1
URANIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OTHER METALS, NEC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	3	-	-	-	-	-	-	-	-	-	1	8	7
TOTAL UNDERGROUND:																																	
COPPER	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	5	2	-	2	2	-	-	1	-	-	-	-	-	-	14	4	
GOLD	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	-	1	-	-	-	-	-	-	-	-	-	8	6	
LEAD-ZINC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	1	-	-	-	-	-	-	-	-	-	1	1	
MOLYBDENUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1	
PLATINUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	-	-	-	-	-	-	-	-	-	2	1	
SILVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	2	-	-	-	-	-	-	-	-	-	-	4	1	
URANIUM	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	2	2	
OTHER METALS, NEC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-	2	1	
TOTAL	-	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	11	7	-	7	5	-	-	1	-	-	-	-	-	-	2	40	28
SURFACE MINES:																																	
OPEN PIT:																																	
COPPER	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	3	-	-	2	-	-	-	-	-	2	1	1	21	1
GOLD	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	4	2	-	1	1	-	-	-	-	2	1	2	21	11
IRON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MOLYBDENUM	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	9	2	-	-	-	-	-	-	-	-	-	-	21	10
SILVER	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	5	1	-	1	-	-	1	1	-	-	-	-	-	-	-	9	6
TOTAL	-	9	2	-	-	-	-	-	-	-	-	-	-	-	-	1	11	2	-	17	4	-	4	2	-	-	-	-	2	1	3	72	29

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TABLE 15. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND TYPE OF MINERAL AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND TYPE OF MINERAL	ELECTRICAL			ENTRAPMENT			EXPLODING VESSELS UNDER PRESSURE			EXPLOSIVES AND BREAKING AGENTS			FALLING, ROLLING OR SLIDING MATERIAL			FALL OF FACE RIB, SIDE OR HIGHWALL			FALL OF ROOF (UNDERGROUND MINES ONLY)			FIRE			HANDLING MATERIAL			HANDTOOLS			NONPOWERED HAULAGE		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL
TOTAL SURFACE:																																	
COPPER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GOLD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	1	-	2	4	-	-	-	-
IRON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	4	-	1	1	-	-	-	-
MOLYBDENUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	5	5	-	3	2	-	-	-	-
SILVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	1	1	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	21	11	-	8	8	-	-	-	-
TOTAL MINING:																																	
COPPER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	1	-	3	1	-	-	-	-
GOLD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	-	-	6	9	-	4	4	-	-	-	-
IRON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	1	-	-	-	-
LEAD-ZINC	1	1	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	1	-	1	1	-	6	6	-	3	2	-	-	-	-
MOLYBDENUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	3	1	-	-	1	-	-	-	-
PLATINUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
SILVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	30	19	-	10	11	-	-	-	1
URANIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER METALS, NEC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
TOTAL	1	1	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	1	1	3	1	-	2	-	-	-	-	-	-	-	-	-
PROCESSING PLANTS:																																	
ALUMINUM ORE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COPPER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GOLD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	1	-	-	-	-
IRON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-
MOLYBDENUM	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
URANIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	2	-	-	-	-
TOTAL, MINES AND PLNTS:																																	
ALUMINUM ORE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COPPER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GOLD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	2	-	3	1	-	-	-	-
IRON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	-	-	7	9	-	4	4	-	-	-	-
LEAD-ZINC	1	1	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	1	-	1	1	-	6	6	-	3	2	-	-	-	-
MOLYBDENUM	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	3	1	-	-	1	-	-	-	-
PLATINUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
SILVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	31	20	-	10	13	-	-	-	1
URANIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER METALS, NEC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	1	2	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	1	1	3	1	-	2	-	-	-	-	-	-	-	-	-
OFFICE:																																	
URANIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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TABLE 15. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND TYPE OF MINERAL AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND TYPE OF MINERAL	POWERED HAULAGE			HOISTING			IGNITION OR EXPLOSION OF GAS OR DUST			IMPOUNDMENT			INUNDATION			MACHINERY			SLIPS OR FALLS OF PERSONS			STEPPING OR KNEELING ON OBJECT			STRIKING OR BUMPING			OTHER			TOTAL		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL
TOTAL SURFACE:																																	
COPPER	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	3	2	-	2	1	-	-	-	-	1	-	1	21	1
GOLD	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	4	2	-	1	1	-	-	-	-	1	-	2	21	11
IRON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
MOLYBDENUM	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	1	2	-	9	3	-	-	-	-	-	-	-	21	10
SILVER	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	1	-	-	1	1	-	-	-	-	-	-	-	9	6
TOTAL	-	9	2	-	-	-	-	-	-	-	-	-	-	-	-	1	11	2	-	17	4	-	4	2	-	-	-	2	1	-	3	72	29
TOTAL MINING:																																	
COPPER	-	4	-	-	1	-	-	-	-	-	-	-	-	-	-	1	6	2	-	5	2	-	2	1	-	-	-	2	1	-	2	35	2
GOLD	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	1	-	4	3	-	1	2	-	-	-	2	1	-	2	29	20
IRON	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	1	-	-	-	-	-	-	-	-	-	-	1	1
LEAD-ZINC	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	1	2	-	-	-	-	-	-	-	-	-	-	1	2
MOLYBDENUM	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	2	2	-	-	-	-	-	-	-	-	-	-	22	18
PLATINUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SILVER	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	6	2	-	3	2	-	1	1	-	-	-	-	-	-	-	14	7
URANIUM	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	2	1	-	-	-	-	-	-	-	-	-	-	2	4
OTHER METALS, NEC	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-	2	2
TOTAL	-	11	3	-	1	-	-	-	-	-	-	-	-	-	-	1	22	9	-	24	9	-	4	3	-	-	-	2	1	-	5	112	57
PROCESSING PLANTS:																																	
ALUMINUM ORE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-	2	1
COPPER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	1	1	-	-	-	-	-	-	-	-	-	-	4	1
GOLD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IRON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	1	-	-	-	-	-	-	-	-	-	-	-	3	-
MOLYBDENUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	2	-
URANIUM	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	-	-	-	-	-	-	-	1	-	-	3	1
TOTAL	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1	-	5	1	-	-	-	-	-	-	-	1	-	-	10	6
TOTAL, MINES AND PLNTS:																																	
ALUMINUM ORE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-	2	1
COPPER	-	4	-	-	1	-	-	-	-	-	-	-	-	-	-	1	8	3	-	6	3	-	2	1	-	-	-	2	1	-	2	35	3
GOLD	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	1	-	4	3	-	1	2	-	-	-	2	1	-	2	29	20
IRON	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	2	1	-	-	-	-	-	-	-	-	-	-	4	1
LEAD-ZINC	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	1	2	-	-	-	-	-	-	-	-	-	-	1	2
MOLYBDENUM	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	4	2	-	-	-	-	-	-	-	-	-	-	23	18
PLATINUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SILVER	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	6	2	-	3	2	-	1	1	-	-	-	-	-	-	-	14	7
URANIUM	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	2	1	-	-	-	-	-	-	-	1	-	-	3	5
OTHER METALS, NEC	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-	2	2
TOTAL	-	11	4	-	1	-	-	-	-	-	-	-	-	-	-	1	24	10	-	29	10	-	4	3	-	-	-	2	2	-	5	122	63
OFFICE:																																	
URANIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-

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TABLE 15. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND TYPE OF MINERAL AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND TYPE OF MINERAL	ELECTRICAL			ENTRAPMENT			EXPLODING VESSELS UNDER PRESSURE			EXPLOSIVES AND BREAKING AGENTS			FALLING, ROLLING OR SLIDING MATERIAL			FALL OF FACE RIB, SIDE OR HIGHWALL			FALL OF ROOF (UNDERGROUND MINES ONLY)			FIRE			HANDLING MATERIAL			HANDTOOLS			NONPOWERED HAULAGE		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL
GRAND TOTAL:																																
ALUMINUM ORE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	2	-	3	1	-	-	-
COPPER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-	-	7	9	-	8	11	-	-	-
GOLD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-
IRON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6	-	3	2	-	-	-
LEAD-ZINC	1	1	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOLYBDENUM	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-
PLATINUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	3	1	-	1	1	-	-	-
SILVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1
URANIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER METALS, NEC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	2	-	-	31	20	-	10	13	-	-	1
TOTAL	1	2	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	1	1	3	1	-	2	-	-								

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TABLE 15. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND TYPE OF MINERAL AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND TYPE OF MINERAL	POWERED HAULAGE			HOISTING			IGNITION OR EXPLOSION OF GAS OR DUST			IMPOUNDMENT			INUNDATION			MACHINERY			SLIPS OR FALLS OF PERSONS			STEPPING OR KNEELING ON OBJECT			STRIKING OR BUMPING			OTHER			TOTAL		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL
GRAND TOTAL:	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-	2	1
ALUMINUM ORE	-	4	-	-	1	-	-	-	-	-	-	-	-	-	-	1	6	3	-	6	3	-	2	-	-	-	-	-	-	-	1	38	9
COPPER	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	1	-	4	3	-	1	2	-	-	-	2	1	-	2	30	20
GOLD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-	2	2
IRON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	-	-	-	-	-	-	-	-	-	1	2	1
LEAD-ZINC	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	9	2	-	-	-	-	-	-	-	-	-	1	23	13
MOLYBDENUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	-	1	1	-	-	-	-	-	-	-	14	5
PLATINUM	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	6	2	-	3	1	-	-	-	-	-	-	-	1	-	-	6	3
SILVER	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-	2	1
URANIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER METALS, NEC	-	11	4	-	1	-	-	-	-	-	-	-	-	-	-	1	24	10	-	30	10	-	4	3	-	-	-	2	2	-	5	123	63
TOTAL																																	

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TABLE 16. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND TYPE OF MINERAL AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983

WORK LOCATION AND TYPE OF MINERAL	ELECTRICAL		ENTRAPMENT		EXPLODING VESSELS UNDER PRESSURE		EXPLOSIVES AND BREAKING AGENTS		FALLING, ROLLING OR SLIDING MATERIAL		FALL OF FACE RIB, SIDE OR HIGHWALL		FALL OF ROOF (UNDERGROUND MINES ONLY)		FIRE		HANDLING MATERIAL		HANDTOOLS		NONPOWERED HAULAGE	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
UNDERGROUND MINES:																						
UNDERGROUND:																						
COPPER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	360	-	7	-	-
GOLD	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	7	-	6	-	-
LEAD-ZINC	-	-	-	-	-	-	-	133	-	-	-	-	-	-	-	-	-	50	-	-	-	-
MOLYBDENUM	-	-	-	-	-	-	-	-	-	-	-	-	6,000	-	-	-	-	15	-	-	-	-
PLATINUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SILVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
URANIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
OTHER METALS, NEC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	133	-	-	-	-	6,000	5	-	-	-	432	-	13	-	-
SURFACE AT UG:																						
COPPER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	185	-	-	-	-
GOLD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LEAD-ZINC	6,000	225	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SILVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000	-	44	-	-	-	-
URANIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER METALS, NEC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	6,000	225	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000	-	229	-	-	-	-
TOTAL UNDERGROUND:																						
COPPER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	545	-	7	-	-
GOLD	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	7	-	6	-	-
LEAD-ZINC	6,000	225	-	-	-	-	-	133	-	-	-	-	-	-	-	-	-	50	-	-	-	-
MOLYBDENUM	-	-	-	-	-	-	-	-	-	-	-	-	6,000	-	-	-	-	15	-	-	-	-
PLATINUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SILVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000	-	44	-	-	-	-
URANIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
OTHER METALS, NEC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	6,000	225	-	-	-	-	-	133	-	-	-	-	6,000	5	-	6,000	-	661	-	13	-	-
SURFACE MINES:																						
OPEN PIT:																						
COPPER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	173	-	5	-	-
GOLD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	81	-	24	-	-
IRON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOLYBDENUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	40	-	43	-	-
SILVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	325	-	72	-	-

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TABLE 16. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND TYPE OF MINERAL AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND TYPE OF MINERAL	POWERED HAULAGE		HOISTING		IGNITION OR EXPLOSION OF GAS OR DUST		INPOUNDMENT		INUNDATION		MACHINERY		SLIPS OR FALLS OF PERSONS		STEPPING OR KNEELING ON OBJECT		STRIKING OR BUMPING		OTHER		TOTAL	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
UNDERGROUND MINES:																						
UNDERGROUND:																						
COPPER	-	-	-	26	-	-	-	-	-	-	-	51	-	299	-	-	-	-	-	-	-	743
GOLD	-	1	-	-	-	-	-	-	-	-	-	60	-	-	-	-	-	-	-	-	-	78
LEAD-ZINC	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	184
MOLYBDENUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000	15
PLATINUM	-	-	-	-	-	-	-	-	-	-	-	2	-	25	-	-	-	-	-	-	-	27
SILVER	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	3
URANIUM	-	56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57
OTHER METALS, NEC	-	-	-	-	-	-	-	-	-	-	-	-	-	35	-	-	-	-	-	-	-	35
TOTAL	-	57	-	26	-	-	-	-	-	-	-	117	-	359	-	-	-	-	-	-	6,000	1,142
SURFACE AT UG:																						
COPPER	-	-	-	-	-	-	-	-	-	-	-	176	-	-	-	-	-	-	-	-	-	361
GOLD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LEAD-ZINC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000	225
SILVER	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-	-	-	-	6,055
URANIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER METALS, NEC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	176	-	11	-	-	-	-	-	-	6,000	6,641
TOTAL UNDERGROUND:																						
COPPER	-	-	-	26	-	-	-	-	-	-	-	227	-	299	-	-	-	-	-	-	-	1,104
GOLD	-	1	-	-	-	-	-	-	-	-	-	60	-	-	-	-	-	-	-	-	-	78
LEAD-ZINC	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	6,000	409
MOLYBDENUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000	15
PLATINUM	-	-	-	-	-	-	-	-	-	-	-	2	-	25	-	-	-	-	-	-	-	27
SILVER	-	-	-	-	-	-	-	-	-	-	-	3	-	11	-	-	-	-	-	-	-	6,058
URANIUM	-	56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57
OTHER METALS, NEC	-	-	-	-	-	-	-	-	-	-	-	-	-	35	-	-	-	-	-	-	-	35
TOTAL	-	57	-	26	-	-	-	-	-	-	-	293	-	370	-	-	-	-	-	-	12,000	7,783
SURFACE MINES:																						
OPEN PIT:																						
COPPER	-	80	-	-	-	-	-	-	-	-	6,000	7	-	23	-	30	-	-	-	-	6,000	318
GOLD	-	79	-	-	-	-	-	-	-	-	-	58	-	151	-	5	-	-	12,000	6	12,000	404
IRON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOLYBDENUM	-	30	-	-	-	-	-	-	-	-	-	62	-	118	-	-	-	-	-	-	-	307
SILVER	-	-	-	-	-	-	-	-	-	-	-	110	-	8	-	7	-	-	-	-	-	156
TOTAL	-	189	-	-	-	-	-	-	-	-	6,000	237	-	300	-	42	-	-	12,000	6	18,000	1,185

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TABLE 16. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND TYPE OF MINERAL AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND TYPE OF MINERAL	ELECTRICAL		ENTRAPMENT		EXPLODING VESSELS UNDER PRESSURE		EXPLOSIVES AND BREAKING AGENTS		FALLING, ROLLING OR SLIDING MATERIAL		FALL OF FACE RIB, SIDE OR HIGHWALL		FALL OF ROOF (UNDERGROUND MINES ONLY)		FIRE		HANDLING MATERIAL		HANDTOOLS		NONPOWERED HAULAGE	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
TOTAL SURFACE:																						
COPPER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	173	-	5	-	-
GOLD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	81	-	24	-	-
IRON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOLYBDENUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	40	-	43	-	-
SILVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	325	-	72	-	-
TOTAL MINING:																						
COPPER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	718	-	12	-	-
GOLD	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	88	-	30	-	-
IRON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LEAD-ZINC	6,000	225	-	-	-	-	-	133	-	-	-	-	-	-	-	-	-	50	-	-	-	-
MOLYBDENUM	-	-	-	-	-	-	-	-	-	-	-	-	6,000	-	-	14	-	55	-	43	-	-
PLATINUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SILVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000	-	75	-	-	-	-
URANIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
OTHER METALS, NEC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	6,000	225	-	-	-	-	-	133	-	-	-	-	6,000	5	-	6,014	-	986	-	85	-	-
PROCESSING PLANTS:																						
ALUMINUM ORE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COPPER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GOLD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	59	-	-	-	-
IRON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOLYBDENUM	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
URANIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	59	-	-	-	-
TOTAL, MINES AND PLNTS:																						
ALUMINUM ORE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COPPER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	718	-	12	-	-
GOLD	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	147	-	30	-	-
IRON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LEAD-ZINC	6,000	225	-	-	-	-	-	133	-	-	-	-	-	-	-	-	-	50	-	-	-	-
MOLYBDENUM	-	10	-	-	-	-	-	-	-	-	-	-	6,000	-	-	14	-	55	-	43	-	-
PLATINUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SILVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000	-	75	-	-	-	-
URANIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
OTHER METALS, NEC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	6,000	235	-	-	-	-	-	133	-	-	-	-	6,000	5	-	6,014	-	1,045	-	85	-	-
OFFICE:																						
URANIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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TABLE 16. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND TYPE OF MINERAL AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND TYPE OF MINERAL	POWERED HAULAGE		HOISTING		IGNITION OR EXPLOSION OF GAS OR DUST		IMPOUNDMENT		INUNDATION		MACHINERY		SLIPS OR FALLS OF PERSONS		STEPPING OR KNEELING ON OBJECT		STRIKING OR BUMPING		OTHER		TOTAL	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
TOTAL SURFACE:																						
COPPER	-	80	-	-	-	-	-	-	-	-	6,000	7	-	23	-	30	-	-	-	-	6,000	318
GOLD	-	79	-	-	-	-	-	-	-	-	-	58	-	151	-	5	-	-	12,000	6	12,000	404
IRON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOLYBDENUM	-	30	-	-	-	-	-	-	-	-	-	62	-	118	-	-	-	-	-	-	-	307
SILVER	-	-	-	-	-	-	-	-	-	-	-	110	-	8	-	7	-	-	-	-	-	156
TOTAL	-	189	-	-	-	-	-	-	-	-	6,000	237	-	300	-	42	-	-	12,000	6	18,000	1,185
TOTAL MINING:																						
COPPER	-	80	-	26	-	-	-	-	-	-	6,000	234	-	322	-	30	-	-	-	-	6,000	1,422
GOLD	-	80	-	-	-	-	-	-	-	-	-	118	-	151	-	5	-	-	12,000	6	12,000	482
IRON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LEAD-ZINC	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	6,000	409
MOLYBDENUM	-	30	-	-	-	-	-	-	-	-	-	62	-	118	-	-	-	-	-	-	6,000	322
PLATINUM	-	-	-	-	-	-	-	-	-	-	-	2	-	25	-	-	-	-	-	-	-	27
SILVER	-	-	-	-	-	-	-	-	-	-	-	113	-	19	-	7	-	-	-	-	-	6,214
URANIUM	-	56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57
OTHER METALS, NEC	-	-	-	-	-	-	-	-	-	-	-	-	-	35	-	-	-	-	-	-	-	35
TOTAL	-	246	-	26	-	-	-	-	-	-	6,000	530	-	670	-	42	-	-	12,000	6	30,000	8,968
PROCESSING PLANTS:																						
ALUMINUM ORE	-	-	-	-	-	-	-	-	-	-	-	-	-	26	-	-	-	-	-	-	-	26
COPPER	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	6
GOLD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	59
IRON	-	-	-	-	-	-	-	-	-	-	-	166	-	-	-	-	-	-	-	-	-	166
MOLYBDENUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
URANIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	91	-	-	-	-	-	4	-	95
TOTAL	-	-	-	-	-	-	-	-	-	-	-	166	-	123	-	-	-	-	-	4	-	362
TOTAL, MINES AND PLNTS:																						
ALUMINUM ORE	-	-	-	-	-	-	-	-	-	-	-	-	-	26	-	-	-	-	-	-	-	26
COPPER	-	80	-	26	-	-	-	-	-	-	6,000	234	-	328	-	30	-	-	-	-	6,000	1,428
GOLD	-	80	-	-	-	-	-	-	-	-	-	118	-	151	-	5	-	-	12,000	6	12,000	541
IRON	-	-	-	-	-	-	-	-	-	-	-	166	-	-	-	-	-	-	-	-	-	166
LEAD-ZINC	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	6,000	409
MOLYBDENUM	-	30	-	-	-	-	-	-	-	-	-	62	-	118	-	-	-	-	-	-	6,000	332
PLATINUM	-	-	-	-	-	-	-	-	-	-	-	2	-	25	-	-	-	-	-	-	-	27
SILVER	-	-	-	-	-	-	-	-	-	-	-	113	-	19	-	7	-	-	-	-	-	6,214
URANIUM	-	56	-	-	-	-	-	-	-	-	-	-	-	91	-	-	-	-	-	4	-	152
OTHER METALS, NEC	-	-	-	-	-	-	-	-	-	-	-	-	-	35	-	-	-	-	-	-	-	35
TOTAL	-	246	-	26	-	-	-	-	-	-	6,000	696	-	793	-	42	-	-	12,000	10	30,000	9,330
OFFICE:																						
URANIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-	-	-	-	-	14
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-	-	-	-	-	14

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TABLE 16. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND TYPE OF MINERAL AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND TYPE OF MINERAL	ELECTRICAL		ENTRAPMENT		EXPLODING VESSELS UNDER PRESSURE		EXPLOSIVES AND BREAKING AGENTS		FALLING, ROLLING OR SLIDING MATERIAL		FALL OF FACE RIB, SIDE OR HIGHWALL		FALL OF ROOF (UNDERGROUND MINES ONLY)		FIRE		HANDLING MATERIAL		HANDTOOLS		NONPOWERED HAULAGE	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
GRAND TOTAL:																						
ALUMINUM ORE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COPPER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	718	-	12	-	-
GOLD	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	147	-	30	-	-
IRON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LEAD-ZINC	6,000	225	-	-	-	-	-	133	-	-	-	-	-	-	-	-	-	50	-	-	-	-
MOLYBDENUM	-	10	-	-	-	-	-	-	-	-	-	-	6,000	-	-	14	-	55	-	43	-	-
PLATINUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SILVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000	-	75	-	-	-	-
URANIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
OTHER METALS, NEC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	6,000	235	-	-	-	-	-	133	-	-	-	-	6,000	5	-	6,014	-	1,045	-	85	-	-

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TABLE 16. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND TYPE OF MINERAL AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND TYPE OF MINERAL	POWERED HAULAGE		HOISTING		IGNITION OR EXPLOSION OF GAS OR DUST		IMPOUNDMENT		INUNDATION		MACHINERY		SLIPS OR FALLS OF PERSONS		STEPPING OR KNEELING ON OBJECT		STRIKING OR BUMPING		OTHER		TOTAL	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
GRAND TOTAL:																						
ALUMINUM ORE	-	-	-	-	-	-	-	-	-	-	-	-	-	26	-	-	-	-	-	-	-	26
COPPER	-	80	-	26	-	-	-	-	-	-	6,000	234	-	328	-	30	-	-	-	-	6,000	1,428
GOLD	-	80	-	-	-	-	-	-	-	-	-	118	-	151	-	5	-	-	12,000	6	12,000	541
IRON	-	-	-	-	-	-	-	-	-	-	-	166	-	-	-	-	-	-	-	-	-	166
LEAD-ZINC	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	6,000	409
MOLYBDENUM	-	30	-	-	-	-	-	-	-	-	-	62	-	118	-	-	-	-	-	-	6,000	332
PLATINUM	-	-	-	-	-	-	-	-	-	-	-	2	-	25	-	-	-	-	-	-	-	27
SILVER	-	-	-	-	-	-	-	-	-	-	-	113	-	19	-	7	-	-	-	-	-	6,214
URANIUM	-	56	-	-	-	-	-	-	-	-	-	-	-	105	-	-	-	-	-	4	-	166
OTHER METALS, NEC	-	-	-	-	-	-	-	-	-	-	-	-	-	35	-	-	-	-	-	-	-	35
TOTAL	-	246	-	26	-	-	-	-	-	-	6,000	696	-	807	-	42	-	-	12,000	10	30,000	9,344

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TABLE 17. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND OCCUPATION AT TIME OF INJURY AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983

WORK LOCATION AND OCCUPATION AT TIME OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
UNDERGROUND MINES:																	
UNDERGROUND:																	
DRILL OPERATOR	-	-	-	2	2	2	3	5	-	-	-	57	57	57	-	28	28
LABORER	-	-	-	1	1	1	1	2	-	-	-	15	15	15	-	15	15
MECHANIC/MAINTENANCE	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
MINER	-	-	2	20	22	22	12	34	-	-	125	638	763	763	62	32	35
ROCK/ROOF BOLTER	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
SUPERVISOR/FOREMAN	1	-	-	5	5	6	1	7	6,000	-	-	52	52	6,052	-	10	1,009
N.E.C. OR UNKNOWN	-	-	-	1	1	1	1	2	-	-	-	253	253	253	-	253	253
TOTAL OR AVERAGE	1	-	2	30	32	33	21	54	6,000	-	125	1,017	1,142	7,142	62	34	216
SURFACE AT UNDERGROUND:																	
DRILL OPERATOR	1	-	-	1	1	2	1	3	6,000	-	-	225	225	6,225	-	225	3,112
ELECTRICIAN	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
MECHANIC/MAINTENANCE	-	-	-	2	2	2	1	3	-	-	-	185	185	185	-	92	92
MINER	-	1	-	1	2	2	2	4	-	6,000	-	44	6,044	6,044	-	44	3,022
MINING MACH. OPR.	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
PREP. PLANT OPR.	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
SUPERVISOR/FOREMAN	-	-	-	1	1	1	-	1	-	-	-	176	176	176	-	176	176
TRUCK DRIVER	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
TOTAL OR AVERAGE	1	1	-	7	8	9	7	16	6,000	6,000	-	641	6,641	12,641	-	92	1,405
TOTAL OR AVERAGE, UG:																	
DRILL OPERATOR	1	-	-	3	3	4	4	8	6,000	-	-	282	282	6,282	-	94	1,570
ELECTRICIAN	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
LABORER	-	-	-	1	1	1	1	2	-	-	-	15	15	15	-	15	15
MECHANIC/MAINTENANCE	-	-	-	2	2	2	4	6	-	-	-	185	185	185	-	92	92
MINER	-	1	2	21	24	24	14	38	-	6,000	125	682	6,807	6,807	62	32	284
MINING MACH. OPR.	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
PREP. PLANT OPR.	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
ROCK/ROOF BOLTER	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
SUPERVISOR/FOREMAN	1	-	-	6	6	7	1	8	6,000	-	-	228	228	6,228	-	38	890
TRUCK DRIVER	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
N.E.C. OR UNKNOWN	-	-	-	1	1	1	1	2	-	-	-	253	253	253	-	253	253
TOTAL OR AVERAGE	2	1	2	37	40	42	28	70	12,000	6,000	125	1,658	7,783	19,783	62	45	471

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TABLE 17. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND OCCUPATION AT TIME OF INJURY AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND OCCUPATION AT TIME OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY						PERMANENT		TEMPORARY					
		TOTAL	PARTIAL							TOTAL	PARTIAL						
SURFACE MINES:																	
OPEN PIT:																	
BULLDOZER/MOBILE EQUIP.	-	-	-	4	4	4	-	4	-	-	-	113	113	113	-	28	28
DRAG/CRANE/SHOVEL OPR.	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
DRILL OPERATOR	-	-	-	5	5	5	5	10	-	-	-	106	106	106	-	21	21
ELECTRICIAN	-	-	-	1	1	1	-	1	-	-	-	15	15	15	-	15	15
FRONT END LOADER	-	-	-	3	3	3	-	3	-	-	-	39	39	39	-	13	13
LABORER	-	-	1	17	18	18	4	22	-	-	60	208	268	268	60	12	15
MECHANIC/MAINTENANCE	1	-	-	13	13	14	7	21	6,000	-	-	234	234	6,234	-	18	445
MINER	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
POWDERMAN/BLASTER	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
SUPERVISOR/FOREMAN	-	-	-	1	1	1	1	2	-	-	-	23	23	23	-	23	23
TRUCK DRIVER	-	-	-	5	5	5	3	8	-	-	-	109	109	109	-	22	22
WELDER/MACHINIST	-	-	1	7	8	8	2	10	-	-	50	45	95	95	50	6	12
N.E.C. OR UNKNOWN	2	-	-	11	11	13	7	20	12,000	-	-	179	179	12,179	-	16	937
TOTAL OR AVERAGE	3	-	2	70	72	75	29	104	18,000	-	110	1,075	1,185	19,185	55	15	256
TOTAL OR AVERAGE, SURFACE:																	
BULLDOZER/MOBILE EQUIP.	-	-	-	4	4	4	-	4	-	-	-	113	113	113	-	28	28
DRAG/CRANE/SHOVEL OPR.	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
DRILL OPERATOR	-	-	-	5	5	5	5	10	-	-	-	106	106	106	-	21	21
ELECTRICIAN	-	-	-	1	1	1	-	1	-	-	-	15	15	15	-	15	15
FRONT END LOADER	-	-	-	3	3	3	-	3	-	-	-	39	39	39	-	13	13
LABORER	-	-	1	17	18	18	4	22	-	-	60	208	268	268	60	12	15
MECHANIC/MAINTENANCE	1	-	-	13	13	14	7	21	6,000	-	-	234	234	6,234	-	18	445
MINER	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
POWDERMAN/BLASTER	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
SUPERVISOR/FOREMAN	-	-	-	1	1	1	1	2	-	-	-	23	23	23	-	23	23
TRUCK DRIVER	-	-	-	5	5	5	3	8	-	-	-	109	109	109	-	22	22
WELDER/MACHINIST	-	-	1	7	8	8	2	10	-	-	50	45	95	95	50	6	12
N.E.C. OR UNKNOWN	2	-	-	11	11	13	7	20	12,000	-	-	179	179	12,179	-	16	937
TOTAL OR AVERAGE	3	-	2	70	72	75	29	104	18,000	-	110	1,075	1,185	19,185	55	15	256
TOTAL OR AVERAGE, MINING:																	
BULLDOZER/MOBILE EQUIP.	-	-	-	4	4	4	-	4	-	-	-	113	113	113	-	28	28
DRAG/CRANE/SHOVEL OPR.	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
DRILL OPERATOR	1	-	-	8	8	9	9	18	6,000	-	-	388	388	6,388	-	48	710
ELECTRICIAN	-	-	-	1	1	1	2	3	-	-	-	15	15	15	-	15	15
FRONT END LOADER	-	-	-	3	3	3	-	3	-	-	-	39	39	39	-	13	13
LABORER	-	-	1	18	19	19	5	24	-	-	60	223	283	283	60	12	15
MECHANIC/MAINTENANCE	1	-	-	15	15	16	11	27	6,000	-	-	419	419	6,419	-	28	401
MINER	-	1	2	22	25	25	14	39	-	6,000	125	684	6,809	6,809	62	31	272
MINING MACH. OPR.	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
POWDERMAN/BLASTER	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
PREP. PLANT OPR.	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
ROCK/ROOF BOLTER	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
SUPERVISOR/FOREMAN	1	-	-	7	7	8	2	10	6,000	-	-	251	251	6,251	-	36	781
TRUCK DRIVER	-	-	-	6	6	6	3	9	-	-	-	119	119	119	-	20	20
WELDER/MACHINIST	-	-	1	7	8	8	2	10	-	-	50	45	95	95	50	6	12
N.E.C. OR UNKNOWN	2	-	-	12	12	14	8	22	12,000	-	-	432	432	12,432	-	36	888
TOTAL OR AVERAGE	5	1	4	107	112	117	57	174	30,000	6,000	235	2,733	8,968	38,968	59	26	333

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TABLE 17. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND OCCUPATION AT TIME OF INJURY AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND OCCUPATION AT TIME OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
PROCESSING PLANTS:																	
ELECTRICIAN	-	-	-	2	2	2	1	3	-	-	-	16	16	16	-	8	8
LABORER	-	-	-	2	2	2	-	2	-	-	-	166	166	166	-	83	83
MECHANIC/MAINTENANCE	-	-	-	1	1	1	1	2	-	-	-	10	10	10	-	10	10
PREP. PLANT OPR.	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
N.E.C. OR UNKNOWN	-	-	-	5	5	5	2	7	-	-	-	170	170	170	-	34	34
TOTAL OR AVERAGE	-	-	-	10	10	10	6	16	-	-	-	362	362	362	-	36	36
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																	
BULLDOZER/MOBILE EQUIP.	-	-	-	4	4	4	-	4	-	-	-	113	113	113	-	28	28
DRAG/CRANE/SHOVEL OPR.	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
DRILL OPERATOR	1	-	-	8	8	9	9	18	6,000	-	-	388	388	6,388	-	48	710
ELECTRICIAN	-	-	-	3	3	3	3	6	-	-	-	31	31	31	-	10	10
FRONT END LOADER	-	-	-	3	3	3	-	3	-	-	-	39	39	39	-	13	13
LABORER	-	-	1	20	21	21	5	26	-	-	60	389	449	449	60	19	21
MECHANIC/MAINTENANCE	1	-	-	16	16	17	12	29	6,000	-	-	429	429	6,429	-	27	378
MINER	-	1	2	22	25	25	14	39	-	6,000	125	684	6,809	6,809	62	31	272
MINING MACH. OPR.	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
POWDERMAN/BLASTER	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
PREP. PLANT OPR.	-	-	-	1	1	1	2	3	-	-	-	1	1	1	-	1	1
ROCK/ROOF BOLTER	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
SUPERVISOR/FOREMAN	1	-	-	7	7	8	2	10	6,000	-	-	251	251	6,251	-	36	781
TRUCK DRIVER	-	-	-	6	6	6	3	9	-	-	-	119	119	119	-	20	20
WELDER/MACHINIST	-	-	1	7	8	8	2	10	-	-	50	45	95	95	50	6	12
N.E.C. OR UNKNOWN	2	-	-	17	17	19	10	29	12,000	-	-	602	602	12,602	-	35	663
TOTAL OR AVERAGE	5	1	4	117	122	127	63	190	30,000	6,000	235	3,095	9,330	39,330	59	26	310
OFFICE:																	
N.E.C. OR UNKNOWN	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14
TOTAL OR AVERAGE	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14

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TABLE 17. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND OCCUPATION AT TIME OF INJURY AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND OCCUPATION AT TIME OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
GRAND TOTAL OR AVERAGE:																	
BULLDOZER/MOBILE EQUIP.	-	-	-	4	4	4	-	4	-	-	-	113	113	113	-	28	28
DRAG/CRANE/SHOVEL OPR.	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
DRILL OPERATOR	1	-	-	8	8	9	9	18	6,000	-	-	388	388	6,388	-	48	710
ELECTRICIAN	-	-	-	3	3	3	3	6	-	-	-	31	31	31	-	10	10
FRONT END LOADER	-	-	-	3	3	3	-	3	-	-	-	39	39	39	-	13	13
LABORER	-	-	1	20	21	21	5	26	-	-	60	389	449	449	60	19	21
MECHANIC/MAINTENANCE	1	-	-	16	16	17	12	29	6,000	-	-	429	429	6,429	-	27	378
MINER	-	1	2	22	25	25	14	39	-	6,000	125	684	6,809	6,809	62	31	272
MINING MACH. OPR.	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
POWDERMAN/BLASTER	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
PREP. PLANT OPR.	-	-	-	1	1	1	2	3	-	-	-	1	1	1	-	1	1
ROCK/ROOF BOLTER	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
SUPERVISOR/FOREMAN	1	-	-	7	7	8	2	10	6,000	-	-	251	251	6,251	-	36	781
TRUCK DRIVER	-	-	-	6	6	6	3	9	-	-	-	119	119	119	-	20	20
WELDER/MACHINIST	-	-	1	7	8	8	2	10	-	-	50	45	95	95	50	6	12
N.E.C. OR UNKNOWN	2	-	-	18	18	20	10	30	12,000	-	-	616	616	12,616	-	34	631
TOTAL OR AVERAGE	5	1	4	118	123	128	63	191	30,000	6,000	235	3,109	9,344	39,344	59	26	307

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TABLE 18. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND ACCIDENT CLASSIFICATION AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983

WORK LOCATION AND ACCIDENT CLASSIFICATION	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
UNDERGROUND MINES:																	
UNDERGROUND:																	
EXPLOSIVES AND BREAKING AGENTS	-	-	-	3	3	3	-	3	-	-	-	133	133	133	-	44	44
FALL OF FACE, RIB, SIDE OR HIGHWALL	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FALL OF ROOF (UNDERGROUND MINES ONLY)	1	-	-	3	3	4	1	5	6,000	-	-	5	5	6,005	-	2	1,501
HANDLING MATERIAL	-	-	2	4	6	6	7	13	-	-	125	307	432	432	62	77	72
HAND TOOLS	-	-	-	2	2	2	1	3	-	-	-	13	13	13	-	6	6
POWERED HAULAGE	-	-	-	2	2	2	1	3	-	-	-	57	57	57	-	28	28
HOISTING	-	-	-	1	1	1	-	1	-	-	-	26	26	26	-	26	26
MACHINERY	-	-	-	10	10	10	7	17	-	-	-	117	117	117	-	12	12
SLIPS OR FALLS OF PERSONS	-	-	-	5	5	5	2	7	-	-	-	359	359	359	-	72	72
STEPPING OR KNEELING ON OBJECT	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	1	-	2	30	32	33	21	54	6,000	-	125	1,017	1,142	7,142	62	34	216
SURFACE AT UNDERGROUND:																	
ELECTRICAL	1	-	-	1	1	2	-	2	6,000	-	-	225	225	6,225	-	225	3,112
FIRE	-	1	-	-	1	1	-	1	-	6,000	-	-	6,000	6,000	-	-	6,000
HANDLING MATERIAL	-	-	-	3	3	3	1	4	-	-	-	229	229	229	-	76	76
HAND TOOLS	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
NONPOWERED HAULAGE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MACHINERY	-	-	-	1	1	1	-	1	-	-	-	176	176	176	-	176	176
SLIPS OR FALLS OF PERSONS	-	-	-	2	2	2	3	5	-	-	-	11	11	11	-	6	6
TOTAL OR AVERAGE	1	1	-	7	8	9	7	16	6,000	6,000	-	641	6,641	12,641	-	92	1,405
TOTAL OR AVERAGE, UG:																	
ELECTRICAL	1	-	-	1	1	2	-	2	6,000	-	-	225	225	6,225	-	225	3,112
EXPLOSIVES AND BREAKING AGENTS	-	-	-	3	3	3	-	3	-	-	-	133	133	133	-	44	44
FALL OF FACE, RIB, SIDE OR HIGHWALL	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FALL OF ROOF (UNDERGROUND MINES ONLY)	1	-	-	3	3	4	1	5	6,000	-	-	5	5	6,005	-	2	1,501
FIRE	-	1	-	-	1	1	-	1	-	6,000	-	-	6,000	6,000	-	-	6,000
HANDLING MATERIAL	-	-	2	7	9	9	8	17	-	-	125	536	661	661	62	77	73
HAND TOOLS	-	-	-	2	2	2	3	5	-	-	-	13	13	13	-	6	6
NONPOWERED HAULAGE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
POWERED HAULAGE	-	-	-	2	2	2	1	3	-	-	-	57	57	57	-	28	28
HOISTING	-	-	-	1	1	1	-	1	-	-	-	26	26	26	-	26	26
MACHINERY	-	-	-	11	11	11	7	18	-	-	-	293	293	293	-	27	27
SLIPS OR FALLS OF PERSONS	-	-	-	7	7	7	5	12	-	-	-	370	370	370	-	53	53
STEPPING OR KNEELING ON OBJECT	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	2	1	2	37	40	42	28	70	12,000	6,000	125	1,658	7,783	19,783	62	45	471

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TABLE 18. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND ACCIDENT CLASSIFICATION AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND ACCIDENT CLASSIFICATION	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
SURFACE MINES:																	
OPEN PIT:																	
FIRE	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14
HANDLING MATERIAL	-	-	2	19	21	21	11	32	-	-	110	215	325	325	55	11	15
HAND TOOLS	-	-	-	8	8	8	8	16	-	-	-	72	72	72	-	9	9
POWERED HAULAGE	-	-	-	9	9	9	2	11	-	-	-	189	189	189	-	21	21
MACHINERY	1	-	-	11	11	12	2	14	6,000	-	-	237	237	6,237	-	22	520
SLIPS OR FALLS OF PERSONS	-	-	-	17	17	17	4	21	-	-	-	300	300	300	-	18	18
STEPPING OR KNEELING ON OBJECT	-	-	-	4	4	4	2	6	-	-	-	42	42	42	-	10	10
OTHER INJURIES	2	-	-	1	1	3	-	3	12,000	-	-	6	6	12,006	-	6	4,002
TOTAL OR AVERAGE	3	-	2	70	72	75	29	104	18,000	-	110	1,075	1,185	19,185	55	15	256
TOTAL OR AVERAGE, SURFACE:																	
FIRE	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14
HANDLING MATERIAL	-	-	2	19	21	21	11	32	-	-	110	215	325	325	55	11	15
HAND TOOLS	-	-	-	8	8	8	8	16	-	-	-	72	72	72	-	9	9
POWERED HAULAGE	-	-	-	9	9	9	2	11	-	-	-	189	189	189	-	21	21
MACHINERY	1	-	-	11	11	12	2	14	6,000	-	-	237	237	6,237	-	22	520
SLIPS OR FALLS OF PERSONS	-	-	-	17	17	17	4	21	-	-	-	300	300	300	-	18	18
STEPPING OR KNEELING ON OBJECT	-	-	-	4	4	4	2	6	-	-	-	42	42	42	-	10	10
OTHER INJURIES	2	-	-	1	1	3	-	3	12,000	-	-	6	6	12,006	-	6	4,002
TOTAL OR AVERAGE	3	-	2	70	72	75	29	104	18,000	-	110	1,075	1,185	19,185	55	15	256
TOTAL OR AVERAGE, MINING:																	
ELECTRICAL	1	-	-	1	1	2	-	2	6,000	-	-	225	225	6,225	-	225	3,112
EXPLOSIVES AND BREAKING AGENTS	-	-	-	3	3	3	-	3	-	-	-	133	133	133	-	44	44
FALL OF FACE, RIB, SIDE OR HIGHWALL	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FALL OF ROOF (UNDERGROUND MINES ONLY)	1	-	-	3	3	4	1	5	6,000	-	-	5	5	6,005	-	2	1,501
FIRE	-	1	-	1	2	2	-	2	-	6,000	-	14	6,014	6,014	-	14	3,007
HANDLING MATERIAL	-	-	4	26	30	30	19	49	-	-	235	751	986	986	59	29	33
HAND TOOLS	-	-	-	10	10	10	11	21	-	-	-	85	85	85	-	8	8
NONPOWERED HAULAGE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
POWERED HAULAGE	-	-	-	11	11	11	3	14	-	-	-	246	246	246	-	22	22
HOISTING	-	-	-	1	1	1	-	1	-	-	-	26	26	26	-	26	26
MACHINERY	1	-	-	22	22	23	9	32	6,000	-	-	530	530	6,530	-	24	284
SLIPS OR FALLS OF PERSONS	-	-	-	24	24	24	9	33	-	-	-	670	670	670	-	28	28
STEPPING OR KNEELING ON OBJECT	-	-	-	4	4	4	3	7	-	-	-	42	42	42	-	10	10
OTHER INJURIES	2	-	-	1	1	3	-	3	12,000	-	-	6	6	12,006	-	6	4,002
TOTAL OR AVERAGE	5	1	4	107	112	117	57	174	30,000	6,000	235	2,733	8,968	38,968	59	26	333

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TABLE 18 - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND ACCIDENT CLASSIFICATION AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND ACCIDENT CLASSIFICATION	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
PROCESSING PLANTS:																	
ELECTRICAL	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
HANDLING MATERIAL	-	-	-	1	1	1	1	2	-	-	-	59	59	59	-	59	59
HAND TOOLS	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
POWERED HAULAGE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MACHINERY	-	-	-	2	2	2	1	3	-	-	-	166	166	166	-	83	83
SLIPS OR FALLS OF PERSONS	-	-	-	5	5	5	1	6	-	-	-	123	123	123	-	25	25
OTHER INJURIES	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
TOTAL OR AVERAGE	-	-	-	10	10	10	6	16	-	-	-	362	362	362	-	36	36
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																	
ELECTRICAL	1	-	-	2	2	3	-	3	6,000	-	-	235	235	6,235	-	118	2,078
EXPLOSIVES AND BREAKING AGENTS	-	-	-	3	3	3	-	3	-	-	-	133	133	133	-	44	44
FALL OF FACE, RIB, SIDE OR HIGHWALL	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FALL OF ROOF (UNDERGROUND MINES ONLY)	1	-	-	3	3	4	1	5	6,000	-	-	5	5	6,005	-	2	1,501
FIRE	-	1	-	1	2	2	-	2	-	6,000	-	14	6,014	6,014	-	14	3,007
HANDLING MATERIAL	-	-	4	27	31	31	20	51	-	-	235	810	1,045	1,045	59	30	34
HAND TOOLS	-	-	-	10	10	10	13	23	-	-	-	85	85	85	-	8	8
NONPOWERED HAULAGE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
POWERED HAULAGE	-	-	-	11	11	11	4	15	-	-	-	246	246	246	-	22	22
HOISTING	-	-	-	1	1	1	-	1	-	-	-	26	26	26	-	26	26
MACHINERY	1	-	-	24	24	25	10	35	6,000	-	-	696	696	6,696	-	29	268
SLIPS OR FALLS OF PERSONS	-	-	-	29	29	29	10	39	-	-	-	793	793	793	-	27	27
STEPPING OR KNEELING ON OBJECT	-	-	-	4	4	4	3	7	-	-	-	42	42	42	-	10	10
OTHER INJURIES	2	-	-	2	2	4	-	4	12,000	-	-	10	10	12,010	-	5	3,002
TOTAL OR AVERAGE	5	1	4	117	122	127	63	190	30,000	6,000	235	3,095	9,330	39,330	59	26	310
OFFICE:																	
SLIPS OR FALLS OF PERSONS	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14
TOTAL OR AVERAGE	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14

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TABLE 18. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND ACCIDENT CLASSIFICATION AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

WORK LOCATION AND ACCIDENT CLASSIFICATION	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	MDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
GRAND TOTAL OR AVERAGE:																	
ELECTRICAL	1	-	-	2	2	3	-	3	6,000	-	-	235	235	6,235	-	118	2,078
EXPLOSIVES AND BREAKING AGENTS	-	-	-	3	3	3	-	3	-	-	-	133	133	133	-	44	44
FALL OF FACE, RIB, SIDE OR HIGHWALL	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FALL OF ROOF (UNDERGROUND MINES ONLY)	1	-	-	3	3	4	1	5	6,000	-	-	5	5	6,005	-	2	1,501
FIRE	-	1	-	1	2	2	-	2	-	6,000	-	14	6,014	6,014	-	14	3,007
HANDLING MATERIAL	-	-	4	27	31	31	20	51	-	-	235	810	1,045	1,045	59	30	34
HAND TOOLS	-	-	-	10	10	10	13	23	-	-	-	85	85	85	-	8	8
NONPOWERED HAULAGE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
POWERED HAULAGE	-	-	-	11	11	11	4	15	-	-	-	246	246	246	-	22	22
HOISTING	-	-	-	1	1	1	-	1	-	-	-	26	26	26	-	26	26
MACHINERY	1	-	-	24	24	25	10	35	6,000	-	-	696	696	6,696	-	29	268
SLIPS OR FALLS OF PERSONS	-	-	-	30	30	30	10	40	-	-	-	807	807	807	-	27	27
STEPPING OR KNEELING ON OBJECT	-	-	-	4	4	4	3	7	-	-	-	42	42	42	-	10	10
OTHER INJURIES	2	-	-	2	2	4	-	4	12,000	-	-	10	10	12,010	-	5	3,002
TOTAL OR AVERAGE	5	1	4	118	123	128	63	191	30,000	6,000	235	3,109	9,344	39,344	59	26	307

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TABLE 19. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND PART OF BODY AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983

ACCIDENT CLASSIFICATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
ELECTRICAL:																	
BODY SYSTEMS	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
MULTIPLE PARTS OF BODY	-	-	-	2	2	2	-	2	-	-	-	235	235	235	-	118	118
TOTAL OR AVERAGE	1	-	-	2	2	3	-	3	6,000	-	-	235	235	6,235	-	118	2,078
EXPLOSIVES AND BREAKING AGENTS:																	
MULTIPLE PARTS OF BODY	-	-	-	3	3	3	-	3	-	-	-	133	133	133	-	44	44
TOTAL OR AVERAGE	-	-	-	3	3	3	-	3	-	-	-	133	133	133	-	44	44
FALL OF FACE, RIB, SIDE OR HIGHWALL:																	
UPPER EXTREMITIES, NEC	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FALL OF ROOF (UNDERGROUND MINES ONLY):																	
NOSE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
NECK	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
HAND	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
SHOULDER(S)	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
MULTIPLE PARTS OF BODY	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
TOTAL OR AVERAGE	1	-	-	3	3	4	1	5	6,000	-	-	5	5	6,005	-	2	1,501
FIRE:																	
HAND	-	1	-	-	1	1	-	1	-	6,000	-	-	6,000	6,000	-	-	6,000
MULTIPLE PARTS OF BODY	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14
TOTAL OR AVERAGE	-	1	-	1	2	2	-	2	-	6,000	-	14	6,014	6,014	-	14	3,007

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TABLE 19. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND PART OF BODY AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

ACCIDENT CLASSIFICATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
HANDLING MATERIAL:																	
EYE	-	-	-	1	1	1	5	6	-	-	-	4	4	4	-	4	4
MOUTH/TEETH/TONGUE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HEAD, NEC	-	-	-	1	1	1	-	1	-	-	-	29	29	29	-	29	29
NECK	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
ELBOW	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
HAND	-	-	-	3	3	3	1	4	-	-	-	165	165	165	-	55	55
FINGER(S)	-	-	2	4	6	6	7	13	-	-	135	113	248	248	68	28	41
UPPER EXTREMITIES, NEC	-	-	-	3	3	3	1	4	-	-	-	34	34	34	-	11	11
BACK	-	-	-	4	4	4	1	5	-	-	-	18	18	18	-	4	4
PELVIC REGION	-	-	2	2	4	4	1	5	-	-	100	75	175	175	50	38	44
SHOULDER(S)	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
THIGH	-	-	-	1	1	1	-	1	-	-	-	7	7	7	-	7	7
KNEE	-	-	-	2	2	2	-	2	-	-	-	43	43	43	-	22	22
ANKLE	-	-	-	2	2	2	-	2	-	-	-	61	61	61	-	30	30
FOOT	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOE(S)	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
BODY SYSTEMS	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MULTIPLE PARTS OF BODY	-	-	-	1	1	1	-	1	-	-	-	253	253	253	-	253	253
TOTAL OR AVERAGE	-	-	4	27	31	31	20	51	-	-	235	810	1,045	1,045	59	30	34
HAND TOOLS:																	
EYE	-	-	-	1	1	1	1	2	-	-	-	7	7	7	-	7	7
MOUTH/TEETH/TONGUE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FACE, NEC	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HEAD, NEC	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
NECK	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
HAND	-	-	-	2	2	2	1	3	-	-	-	33	33	33	-	16	16
FINGER(S)	-	-	-	2	2	2	5	7	-	-	-	3	3	3	-	2	2
BACK	-	-	-	2	2	2	-	2	-	-	-	30	30	30	-	15	15
THIGH	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FOOT	-	-	-	1	1	1	1	2	-	-	-	6	6	6	-	6	6
LOWER EXTREMITIES, NEC	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
MULTIPLE PARTS OF BODY	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	10	10	10	13	23	-	-	-	85	85	85	-	8	8
NONPOWERED HAULAGE:																	
HAND	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-

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TABLE 19. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND PART OF BODY AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

ACCIDENT CLASSIFICATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
POWERED HAULAGE:																	
MOUTH/TEETH/TONGUE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HAND	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FINGER(S)	-	-	-	1	1	1	1	2	-	-	-	4	4	4	-	4	4
UPPER EXTREMITIES, NEC	-	-	-	1	1	1	-	1	-	-	-	73	73	73	-	73	73
BACK	-	-	-	2	2	2	-	2	-	-	-	33	33	33	-	16	16
CHEST	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
KNEE	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
LOWER LEG	-	-	-	1	1	1	-	1	-	-	-	70	70	70	-	70	70
ANKLE	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
MULTIPLE PARTS OF BODY	-	-	-	3	3	3	1	4	-	-	-	59	59	59	-	20	20
TOTAL OR AVERAGE	-	-	-	11	11	11	4	15	-	-	-	246	246	246	-	22	22
HOISTING:																	
SHOULDER(S)	-	-	-	1	1	1	-	1	-	-	-	26	26	26	-	26	26
TOTAL OR AVERAGE	-	-	-	1	1	1	-	1	-	-	-	26	26	26	-	26	26
MACHINERY:																	
EYE	-	-	-	3	3	3	3	6	-	-	-	6	6	6	-	2	2
HEAD, NEC	-	-	-	2	2	2	-	2	-	-	-	49	49	49	-	24	24
NECK	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
UPPER ARM	-	-	-	1	1	1	-	1	-	-	-	43	43	43	-	43	43
ELBOW	-	-	-	1	1	1	-	1	-	-	-	76	76	76	-	76	76
FOREARM	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
WRIST	-	-	-	1	1	1	-	1	-	-	-	27	27	27	-	27	27
HAND	-	-	-	1	1	1	2	3	-	-	-	29	29	29	-	29	29
FINGER(S)	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
UPPER EXTREMITIES, NEC	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
BACK	-	-	-	2	2	2	-	2	-	-	-	3	3	3	-	2	2
CHEST	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
THIGH	-	-	-	2	2	2	-	2	-	-	-	183	183	183	-	92	92
KNEE	-	-	-	2	2	2	1	3	-	-	-	71	71	71	-	36	36
FOOT	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1
TOE(S)	-	-	-	2	2	2	-	2	-	-	-	16	16	16	-	8	8
LOWER EXTREMITIES, NEC	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
MULTIPLE PARTS OF BODY	1	-	-	3	3	4	-	4	6,000	-	-	177	177	6,177	-	59	1,544
TOTAL OR AVERAGE	1	-	-	24	24	25	10	35	6,000	-	-	696	696	6,696	-	29	268

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TABLE 19. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND PART OF BODY AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

ACCIDENT CLASSIFICATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
SLIPS OR FALLS OF PERSONS:																	
MOUTH/TEETH/TONGUE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HEAD, NEC	-	-	-	1	1	1	2	3	-	-	-	16	16	16	-	16	16
FOREARM	-	-	-	1	1	1	-	1	-	-	-	27	27	27	-	27	27
WRIST	-	-	-	1	1	1	-	1	-	-	-	51	51	51	-	51	51
HAND	-	-	-	1	1	1	-	1	-	-	-	43	43	43	-	43	43
ABDOMEN	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
BACK	-	-	-	8	8	8	-	8	-	-	-	163	163	163	-	20	20
PELVIC REGION	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
SHOULDER(S)	-	-	-	2	2	2	-	2	-	-	-	23	23	23	-	12	12
TRUNK, NEC	-	-	-	1	1	1	-	1	-	-	-	8	8	8	-	8	8
THIGH	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
KNEE	-	-	-	1	1	1	3	4	-	-	-	31	31	31	-	31	31
ANKLE	-	-	-	4	4	4	1	5	-	-	-	30	30	30	-	8	8
FOOT	-	-	-	3	3	3	1	4	-	-	-	62	62	62	-	21	21
MULTIPLE PARTS OF BODY	-	-	-	6	6	6	-	6	-	-	-	350	350	350	-	58	58
TOTAL OR AVERAGE	-	-	-	30	30	30	10	40	-	-	-	807	807	807	-	27	27
STEPPING OR KNEELING ON OBJECT:																	
HEAD, NEC	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
KNEE	-	-	-	1	1	1	1	2	-	-	-	7	7	7	-	7	7
ANKLE	-	-	-	1	1	1	1	2	-	-	-	7	7	7	-	7	7
FOOT	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MULTIPLE PARTS OF BODY	-	-	-	1	1	1	-	1	-	-	-	23	23	23	-	23	23
TOTAL OR AVERAGE	-	-	-	4	4	4	3	7	-	-	-	42	42	42	-	10	10
OTHER INJURIES:																	
FINGER(S)	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
BACK	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
BODY SYSTEMS	2	-	-	-	-	2	-	2	12,000	-	-	-	-	12,000	-	-	6,000
TOTAL OR AVERAGE	2	-	-	2	2	4	-	4	12,000	-	-	10	10	12,010	-	5	3,002

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TABLE 19. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND PART OF BODY AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

ACCIDENT CLASSIFICATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
TOTAL OR AVERAGE:																	
EYE	-	-	-	5	5	5	9	14	-	-	-	17	17	17	-	3	3
MOUTH/TEETH/TONGUE	-	-	-	-	-	-	4	4	-	-	-	-	-	-	-	-	-
NOSE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FACE, NEC	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HEAD, NEC	-	-	-	5	5	5	3	8	-	-	-	99	99	99	-	20	20
NECK	-	-	-	4	4	4	-	4	-	-	-	10	10	10	-	2	2
UPPER ARM	-	-	-	1	1	1	-	1	-	-	-	43	43	43	-	43	43
ELBOW	-	-	-	2	2	2	-	2	-	-	-	78	78	78	-	39	39
FOREARM	-	-	-	2	2	2	-	2	-	-	-	29	29	29	-	14	14
WRIST	-	-	-	2	2	2	-	2	-	-	-	78	78	78	-	39	39
HAND	-	1	-	8	9	9	6	15	-	6,000	-	271	6,271	6,271	-	34	697
FINGER(S)	-	-	2	8	10	10	14	24	-	-	135	124	259	259	68	16	26
UPPER EXTREMITIES, NEC	-	-	-	4	4	4	3	7	-	-	-	107	107	107	-	27	27
ABDOMEN	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
BACK	-	-	-	19	19	19	1	20	-	-	-	253	253	253	-	13	13
CHEST	-	-	-	1	1	1	1	2	-	-	-	3	3	3	-	3	3
PELVIC REGION	-	-	2	2	4	4	2	6	-	-	100	75	175	175	50	38	44
SHOULDER(S)	-	-	-	5	5	5	-	5	-	-	-	55	55	55	-	11	11
TRUNK, NEC	-	-	-	1	1	1	-	1	-	-	-	8	8	8	-	8	8
THIGH	-	-	-	3	3	3	2	5	-	-	-	190	190	190	-	63	63
KNEE	-	-	-	7	7	7	5	12	-	-	-	155	155	155	-	22	22
LOWER LEG	-	-	-	1	1	1	-	1	-	-	-	70	70	70	-	70	70
ANKLE	-	-	-	8	8	8	2	10	-	-	-	99	99	99	-	12	12
FOOT	-	-	-	5	5	5	5	10	-	-	-	69	69	69	-	14	14
TOE(S)	-	-	-	2	2	2	1	3	-	-	-	16	16	16	-	8	8
LOWER EXTREMITIES, NEC	-	-	-	2	2	2	-	2	-	-	-	13	13	13	-	6	6
BODY SYSTEMS	3	-	-	-	-	3	1	4	18,000	-	-	-	-	18,000	-	-	6,000
MULTIPLE PARTS OF BODY	2	-	-	20	20	22	2	24	12,000	-	-	1,244	1,244	13,244	-	62	602
TOTAL OR AVERAGE	5	1	4	118	123	128	63	191	30,000	6,000	235	3,109	9,344	39,344	59	26	307

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TABLE 20. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND NATURE OF INJURY AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983

ACCIDENT CLASSIFICATION AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
ELECTRICAL:																	
ELECTRIC SHOCK	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
ELECT. BURN (CONTACT)	-	-	-	1	1	1	-	1	-	-	-	225	225	225	-	225	225
RADIATION/ULTRA VIOLET	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
TOTAL OR AVERAGE	1	-	-	2	2	3	-	3	6,000	-	-	235	235	6,235	-	118	2,078
EXPLOSIVES AND BREAKING AGENTS:																	
MULTIPLE INJURIES	-	-	-	3	3	3	-	3	-	-	-	133	133	133	-	44	44
TOTAL OR AVERAGE	-	-	-	3	3	3	-	3	-	-	-	133	133	133	-	44	44
FALL OF FACE, RIB, SIDE OR HIGHWALL:																	
CUT OR PUNCTURE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FALL OF ROOF (UNDERGROUND MINES ONLY):																	
CONTUSION OR BRUISE	1	-	-	1	1	2	1	3	6,000	-	-	2	2	6,002	-	2	3,001
CUT OR PUNCTURE	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
STRAIN/SPRAIN	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
TOTAL OR AVERAGE	1	-	-	3	3	4	1	5	6,000	-	-	5	5	6,005	-	2	1,501
FIRE:																	
AMPUTATION/ENUCLEATION	-	1	-	-	1	1	-	1	-	6,000	-	-	6,000	6,000	-	-	6,000
BURN/SCALD (NOT CHEM.)	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14
TOTAL OR AVERAGE	-	1	-	1	2	2	-	2	-	6,000	-	14	6,014	6,014	-	14	3,007
HANDLING MATERIAL:																	
AMPUTATION/ENUCLEATION	-	-	2	-	2	2	-	2	-	-	135	-	135	135	68	-	68
CHEMICAL BURN	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CONTUSION OR BRUISE	-	-	-	3	3	3	-	3	-	-	-	15	15	15	-	5	5
CUT OR PUNCTURE	-	-	-	4	4	4	8	12	-	-	-	53	53	53	-	13	13
DUST IN EYE	-	-	-	1	1	1	2	3	-	-	-	4	4	4	-	4	4
FRACTURE	-	-	-	5	5	5	2	7	-	-	-	222	222	222	-	44	44
HERNIA (NOT DISC)	-	-	2	-	2	2	-	2	-	-	100	-	100	100	50	-	50
POISONING (SYSTEMIC)	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
SCRATCH/ABRASION	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN	-	-	-	9	9	9	2	11	-	-	-	172	172	172	-	19	19
MULTIPLE INJURIES	-	-	-	4	4	4	3	7	-	-	-	342	342	342	-	86	86
UNCLASSIFIED (NO DATA)	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
TOTAL OR AVERAGE	-	-	4	27	31	31	20	51	-	-	235	810	1,045	1,045	59	30	34

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TABLE 20. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND NATURE OF INJURY AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

ACCIDENT CLASSIFICATION AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
HAND TOOLS:																	
CONTUSION OR BRUISE	-	-	-	3	3	3	2	5	-	-	-	12	12	12	-	4	4
CUT OR PUNCTURE	-	-	-	-	-	-	5	5	-	-	-	-	-	-	-	-	-
DUST IN EYE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FRACTURE	-	-	-	2	2	2	4	6	-	-	-	19	19	19	-	10	10
STRAIN/SPRAIN	-	-	-	3	3	3	-	3	-	-	-	33	33	33	-	11	11
MULTIPLE INJURIES	-	-	-	2	2	2	1	3	-	-	-	21	21	21	-	10	10
TOTAL OR AVERAGE	-	-	-	10	10	10	13	23	-	-	-	85	85	85	-	8	8
NONPOWERED HAULAGE:																	
CUT OR PUNCTURE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
POWERED HAULAGE:																	
CONTUSION OR BRUISE	-	-	-	1	1	1	1	2	-	-	-	3	3	3	-	3	3
CUT OR PUNCTURE	-	-	-	1	1	1	-	1	-	-	-	56	56	56	-	56	56
FRACTURE	-	-	-	3	3	3	1	4	-	-	-	147	147	147	-	49	49
STRAIN/SPRAIN	-	-	-	4	4	4	-	4	-	-	-	7	7	7	-	2	2
MULTIPLE INJURIES	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
UNCLASSIFIED (NO DATA)	-	-	-	2	2	2	-	2	-	-	-	33	33	33	-	16	16
TOTAL OR AVERAGE	-	-	-	11	11	11	4	15	-	-	-	246	246	246	-	22	22
HOISTING:																	
FRACTURE	-	-	-	1	1	1	-	1	-	-	-	26	26	26	-	26	26
TOTAL OR AVERAGE	-	-	-	1	1	1	-	1	-	-	-	26	26	26	-	26	26
MACHINERY:																	
BURN/SCALD (NOT CHEM.)	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
CHEMICAL BURN	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
CONCUSSION (CEREBRAL)	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
CONTUSION OR BRUISE	-	-	-	2	2	2	-	2	-	-	-	183	183	183	-	92	92
CUT OR PUNCTURE	-	-	-	3	3	3	4	7	-	-	-	61	61	61	-	20	20
DUST IN EYE	-	-	-	1	1	1	3	4	-	-	-	1	1	1	-	1	1
FRACTURE	-	-	-	7	7	7	-	7	-	-	-	246	246	246	-	35	35
RADIATION/ULTRA VIOLET	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
STRAIN/SPRAIN	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
MULTIPLE INJURIES	1	-	-	2	2	3	2	5	6,000	-	-	165	165	6,165	-	82	2,055
OTHER INJURY, NEC	-	-	-	1	1	1	1	2	-	-	-	3	3	3	-	3	3
UNCLASSIFIED (NO DATA)	-	-	-	3	3	3	-	3	-	-	-	24	24	24	-	8	8
TOTAL OR AVERAGE	1	-	-	24	24	25	10	35	6,000	-	-	696	696	6,696	-	29	268

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TABLE 20. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND NATURE OF INJURY AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983 (CONTINUED)

ACCIDENT CLASSIFICATION AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
SLIPS OR FALLS OF PERSONS:																	
CONCUSSION (CEREBRAL)	-	-	-	1	1	1	-	1	-	-	-	16	16	16	-	16	16
CONTUSION OR BRUISE	-	-	-	4	4	4	1	5	-	-	-	286	286	286	-	72	72
CUT OR PUNCTURE	-	-	-	-	-	-	4	4	-	-	-	-	-	-	-	-	-
DISLOCATION	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14
FRACTURE	-	-	-	7	7	7	1	8	-	-	-	161	161	161	-	23	23
STRAIN/SPRAIN	-	-	-	8	8	8	2	10	-	-	-	80	80	80	-	10	10
MULTIPLE INJURIES	-	-	-	7	7	7	1	8	-	-	-	148	148	148	-	21	21
UNCLASSIFIED (NO DATA)	-	-	-	2	2	2	1	3	-	-	-	102	102	102	-	51	51
TOTAL OR AVERAGE	-	-	-	30	30	30	10	40	-	-	-	807	807	807	-	27	27
STEPPING OR KNEELING ON OBJECT:																	
CONCUSSION (CEREBRAL)	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
CUT OR PUNCTURE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN	-	-	-	2	2	2	2	4	-	-	-	14	14	14	-	7	7
MULTIPLE INJURIES	-	-	-	1	1	1	-	1	-	-	-	23	23	23	-	23	23
TOTAL OR AVERAGE	-	-	-	4	4	4	3	7	-	-	-	42	42	42	-	10	10
OTHER INJURIES:																	
ASPHYXIATION/DROWNING	2	-	-	-	-	2	-	2	12,000	-	-	-	-	12,000	-	-	6,000
STRAIN/SPRAIN	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
UNCLASSIFIED (NO DATA)	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
TOTAL OR AVERAGE	2	-	-	2	2	4	-	4	12,000	-	-	10	10	12,010	-	5	3,002
TOTAL OR AVERAGE:																	
AMPUTATION/ENUCLEATION	-	1	2	-	3	3	-	3	-	6,000	135	-	6,135	6,135	68	-	2,045
ASPHYXIATION/DROWNING	2	-	-	-	-	2	-	2	12,000	-	-	-	-	12,000	-	-	6,000
BURN/SCALD (NOT CHEM.)	-	-	-	2	2	2	-	2	-	-	-	15	15	15	-	8	8
CHEMICAL BURN	-	-	-	1	1	1	1	2	-	-	-	2	2	2	-	2	2
CONCUSSION (CEREBRAL)	-	-	-	3	3	3	-	3	-	-	-	26	26	26	-	9	9
CONTUSION OR BRUISE	1	-	-	14	14	15	5	20	6,000	-	-	501	501	6,501	-	36	433
CUT OR PUNCTURE	-	-	-	9	9	9	24	33	-	-	-	171	171	171	-	19	19
DISLOCATION	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14
DUST IN EYE	-	-	-	2	2	2	6	8	-	-	-	5	5	5	-	2	2
ELECTRIC SHOCK	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
ELECT. BURN (CONTACT)	-	-	-	1	1	1	-	1	-	-	-	225	225	225	-	225	225
FRACTURE	-	-	-	25	25	25	8	33	-	-	-	821	821	821	-	33	33
HERNIA (NOT DISC)	-	-	2	-	2	2	-	2	-	-	100	-	100	100	50	-	50
POISONING (SYSTEMIC)	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
RADIATION/ULTRA VIOLET	-	-	-	2	2	2	-	2	-	-	-	13	13	13	-	6	6
SCRATCH/ABRASION	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN	-	-	-	29	29	29	6	35	-	-	-	316	316	316	-	11	11
MULTIPLE INJURIES	1	-	-	19	19	20	9	29	6,000	-	-	832	832	6,832	-	44	342
OTHER INJURY, NEC	-	-	-	1	1	1	1	2	-	-	-	3	3	3	-	3	3
UNCLASSIFIED (NO DATA)	-	-	-	9	9	9	1	10	-	-	-	165	165	165	-	18	18
TOTAL OR AVERAGE	5	1	4	118	123	128	63	191	30,000	6,000	235	3,109	9,344	39,344	59	26	307

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TABLE 11. - OCCURRENCES REPORTED TO MSHA AS OCCUPATIONAL ILLNESSES AT CONTRACTOR METALLIC MINERAL OPERATIONS IN THE UNITED STATES, 1983

WORK LOCATION, TYPE OF MINERAL AND STATE	SKIN DISEASES OR DISORDERS	DUST DISEASES OF THE LUNGS	RESPIRATORY CONDITIONS DUE TO TOXIC AGENTS	POISONING-SYSTEMIC EFFECTS OF TOXIC MATERIALS	DISORDERS DUE TO PHYSICAL AGENTS (NONTOXIC)	DISORDERS ASSOCIATED WITH REPEATED TRAUMA	ALL OTHER OCCUPATIONAL ILLNESSES	TOTAL OCCUPATIONAL ILLNESSES
PROCESSING PLANT:								
COPPER:								
NEW MEXICO	-	-	-	-	-	1	-	1
TOTAL	-	-	-	-	-	1	-	1
TOTAL, MINES AND PLANTS:								
COPPER:								
NEW MEXICO	-	-	-	-	-	1	-	1
TOTAL	-	-	-	-	-	1	-	1
GRAND TOTAL:								
COPPER:								
NEW MEXICO	-	-	-	-	-	1	-	1
TOTAL	-	-	-	-	-	1	-	1

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TABLE 22. - RELATED NONCOAL MINING SUMMARY REFERENCE TABULATION, NUMBER OF INJURIES, INCIDENCE RATES, AVERAGE NUMBER OF WORKERS, AND EMPLOYEE-HOURS BY WORK LOCATION AND MINERAL INDUSTRY, 1983

(CONTRACTOR DATA)

WORK LOCATION AND MINERAL INDUSTRY	FATAL	FATAL INCIDENCE RATE 1/	NFDL	NFDL INCIDENCE RATE	NDL	NDL INCIDENCE RATE	ALL OCCURRENCES	ALL INCIDENCE RATE	AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS REPORTED
UNDERGROUND MINES										
METAL	2		40		28		70			
NONMETAL	-		33		25		58			
STONE	-		1		-		1			
TOTAL, UNDERGROUND MINES	2	.18	74	6.57	53	4.71	129	11.46	2,665	2,251,325
SURFACE MINES										
METAL	3		72		29		104			
NONMETAL	-		20		18		38			
STONE	-		15		1		16			
SUBTOTAL, SURFACE MINES	3		107		48		158			
SAND AND GRAVEL	1		4		3		8			
TOTAL, SURFACE MINES	4	.13	111	3.62	51	1.66	166	5.41	5,875	6,137,219
TOTAL, MINES	6	.14	185	4.41	104	2.48	295	7.03	8,540	8,388,544
MILLS										
METAL	-		10		6		16			
NONMETAL	2		8		4		14			
STONE	1		21		22		44			
TOTAL, MILLS	3	.21	39	2.73	32	2.24	74	5.18	2,813	2,858,397
INDEPENDENT SHOPS AND YARDS										
METAL	-		-		-		-			
NONMETAL	-		-		-		-			
STONE	-		-		-		-			
TOTAL, SHOPS AND YARDS	-		-		-		-		382	209,874
ALL MINES, MILLS AND SHOPS										
METAL	5		122		63		190			
NONMETAL	2		61		47		110			
STONE	1		37		23		61			
SUBTOTAL	8		220		133		361			
SAND AND GRAVEL	1		4		3		8			
TOTAL, MINES/MILLS/SHOPS	9	.16	224	3.91	136	2.37	369	6.44	11,735	11,456,815
OFFICEWORKERS										
METAL	-		1		-		1			
NONMETAL	-		-		-		-			
STONE	-		1		-		1			
SAND AND GRAVEL	-		-		-		-			
TOTAL, OFFICEWORKERS	-		2	.41	-		2	.41	966	986,079
SUMMARY TOTAL (INCLUDES OFFICE-WORKERS)										
METAL	5		123		63		191			
NONMETAL	2		61		47		110			
STONE	1		38		23		62			
SUBTOTAL	8		222		133		363			
SAND AND GRAVEL	1		4		3		8			
GRAND TOTAL	9	.14	226	3.63	136	2.19	371	5.96	12,701	12,442,894

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TABLE 23. - RELATED COAL MINING SUMMARY REFERENCE TABULATION, NUMBER OF INJURIES, INCIDENCE RATES, AVERAGE NUMBER OF WORKERS, EMPLOYEE-HOURS AND PRODUCTION BY TYPE OF COAL MINED AND WORK LOCATION, 1983

(CONTRACTOR DATA)

TYPE OF COAL AND WORK LOCATION	FATAL	FATAL INCIDENCE RATE	NFDL	NFDL INCIDENCE RATE	NDL	NDL INCIDENCE RATE	ALL OCCURRENCES	ALL INCIDENCE RATE	AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS REPORTED	PRODUCTION REPORTED (SHORT TONS)
BITUMINOUS COAL											
UNDERGROUND MINES											
UNDERGROUND	1		65		16		82				
SURFACE	2		32		8		42				
TOTAL, UNDERGROUND MINES	3		97		24		124				
SURFACE MINES											
STRIP MINES	-		74		36		110				
AUGER MINES	-		5		3		8				
OTHER SURFACE MINES	-		-		-		-				
TOTAL, SURFACE MINES	-		79		39		118				
TOTAL, PRODUCTION MINING	3		176		63		242				
PREPARATION PLANTS	-		56		8		64				
INDEPENDENT SHOPS/YARDS	-		-		-		-				
TOTAL, OTHER OPERATIONS	-		56		8		64				
TOTAL, BITUMINOUS MINING	3		232		71		306				
PENNSYLVANIA ANTHRACITE COAL											
UNDERGROUND MINES											
UNDERGROUND	-		2		-		2				
SURFACE	-		-		-		-				
TOTAL, UNDERGROUND MINES	-		2		-		2				
SURFACE MINES											
STRIP MINES	-		-		-		-				
CULM BANK	-		-		-		-				
DREDGE	-		-		-		-				
TOTAL, SURFACE MINES	-		-		-		-				
TOTAL, PRODUCTION MINING	-		2		-		2				
PREPARATION PLANTS	-		-		-		-				
INDEPENDENT SHOPS/YARDS	-		-		-		-				
TOTAL, OTHER OPERATIONS	-		-		-		-				
TOTAL, ANTHRACITE MINING	-		2		-		2				
ALL COAL											
UNDERGROUND MINES											
UNDERGROUND	1	.20	67	13.59	16	3.25	84	17.04	763	985,797	22,048
SURFACE	2	.25	32	4.02	8	1.00	42	5.27	1,706	1,593,769	-
TOTAL, UNDERGROUND MINES	3	.23	99	7.68	24	1.86	126	9.77	2,469	2,579,566	22,048
SURFACE MINES											
STRIP MINES	-		74	2.58	36	1.25	110	3.83	5,430	5,743,747	2,138,926
AUGER MINES	-		5	5.20	3	3.12	8	8.32	146	192,356	1,131,835
CULM BANK	-		-		-		-		59	51,431	63,434
DREDGE	-		-		-		-		13	20,254	-
TOTAL, SURFACE MINES	-		79	2.63	39	1.30	118	3.93	5,648	6,007,788	3,334,195
TOTAL, PRODUCTION MINING	3	.07	178	4.15	63	1.47	244	5.68	8,117	8,587,354	3,356,243
PREPARATION PLANTS	-		56	3.75	8	.54	64	4.29	2,583	2,986,767	-
INDEPENDENT SHOPS/YARDS	-		-		-		-		612	515,600	-
TOTAL, OTHER OPERATIONS	-		56	3.20	8	.46	64	3.65	3,195	3,502,367	-
TOTAL, ALL COAL	3	.05	234	3.87	71	1.17	308	5.10	11,312	12,089,721	3,356,243
OFFICEWORKERS											
BITUMINOUS	-		2		-		2				
ANTHRACITE	-		-		-		-				
TOTAL, OFFICEWORKERS	-		2	.39	-		2	.39	914	1,026,554	-
GRAND TOTAL	3	.05	236	3.60	71	1.08	310	4.73	12,226	13,116,275	3,356,243

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